The Adventures of Bouncing Bob
Summer Breeze

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## Events

## Player control (type 0)

| IF $P=0$ | Is the game in dying mode (i.e. player dying)? |
| :---: | :---: |
| IF IMAGE $=0$ | Is the current sprite image the default player image? |
| LET IMAGE 3 | Change the current sprite image to the dying player. |
| ENDIF |  |
| IF CANGODOWN | Can the player sprite move downwards? |
| FALL | Cause the player sprite to move down. |
| ELSE | If the player sprite cannot move downwards: |
| IF $A=0$ | Should the sprite be animated? If so, |
| SPRITEINK 6 | set the sprite ink to yellow. |
| ANIMATE | Animate the sprite (show the next frame of the sprite). |
| IF FRAME $=0$ | If the sprite has fully animated and started again: |
| LET P 1 | Set the game to play mode. |
| LET IMAGE 0 | change the current sprite to the default image. |
| EXIT | Exit immediately. |
| ENDIF |  |
| BEEP 4 | Beep! |
| ENDIF |  |
| ENDIF |  |
| ELSE | Else, if the game is in play mode: |
| IF SCREEN = 1 | Is this screen 1? |
| IF $0=0$ | If nothing else is going on, |
| LET $0=8$ | then show the batteries and/or messages. |
| ENDIF |  |
| ENDIF |  |
| IF LIVES $=0$ | Has the player used all of their lives? If so, |
| KILL | run the kill player script. |
| ENDIF |  |
| IF LIVES <= 2 | Is the player running out of lives? |
| IF $0=0$ | If nothing else is happening |
| LET PARAMA X | Store player x position |
| LET PARAMB Y | Store player Y position |
| IF SCREEN = 12 | Is the player on screen 12? Is so, |
| IF GOT 4 | has the player already picked up the heart? If so, |
| LET X 96 |  |
| LET Y 200 |  |
| PUT 4 | replace the heart so it can be reused. |
| SPAWN 58 | Show the heart sprite. |
| ENDIF |  |
| ENDIF |  |
| IF SCREEN $=30$ | Is the player on screen 30? Is so, |
| IF GOT 5 | has the player already picked up the heart? If so, |
| LET X 152 |  |
| LET Y 176 |  |
| PUT 5 | replace the heart so it can be reused. |
| SPAWN 58 | Show the heart sprite. |
| ENDIF |  |
| ENDIF |  |
| IF SCREEN $=7$ | Is the player on screen 7? Is so, |
| IF GOT 6 | has the player already picked up the heart? If so, |
| LET X 128 |  |
| LET Y 184 |  |
| PUT 6 | replace the heart so it can be reused. |
| SPAWN 58 | Show the heart sprite. |
| ENDIF |  |
| ENDIF |  |
| IF SCREEN $=18$ | Is the player on screen 18? Is so, |
| IF GOT 9 | has the player already picked up the heart? If so, |
| LET X 32 |  |
| LET Y 224 |  |
| PUT 9 | replace the heart so it can be reused. |


| SPAWN 58 | Show the heart sprite. |
| :---: | :---: |
| ENDIF |  |
| ENDIF |  |
| IF SCREEN $=26$ | Is the player on screen 26? Is so, |
| IF GOT 10 | has the player already picked up the heart? If so, |
| LET X 32 |  |
| LET Y 16 |  |
| PUT 10 | replace the heart so it can be reused. |
| SPAWN 58 | Show the heart sprite. |
| ENDIF |  |
| ENDIF |  |
| LET X PARAMA | Restore player X position. |
| LET Y PARAMB | Restore player Y position. |
| ENDIF |  |
| ENDIF |  |
| IF CUSTOM | Has the player hit a custom block (teleporter)? |
| IF SCREEN $=22$ | Is the player on screen 22? |
| LET SCREEN 5 | Jump to screen 5. |
| LET X 88 | Position the player. |
| LET Y 16 | Position the player. |
| ENDIF |  |
| IF SCREEN $=30$ | Is the player on screen 30? |
| LET SCREEN 12 | Jump to screen 12. |
| LET X 28 | Position the player. |
| LET Y 120 | Position the player. |
| ENDIF |  |
| ENDIF |  |
| IF SCREEN $=7$ | Is the player on screen 7? |
| IF GOT 3 | Has the player got object 3 (Front Door Key)? |
| IF $\mathrm{L}=0$ | If the door has not been removed: |
| LET L 1 | Indicator so that the door is not constantly removed. |
| COLOUR 70 | Paper 0 (Black), Ink 6 (Yellow), BRIGHT. |
| LET LINE 19 | The following code removes the front door: |
| LET COLUMN 15 |  |
| PUTBLOCK 0 | Empty space to allow player to walk through the door. |
| LET LINE 19 | In AGD 4.6, there is an error which corrupts blocks |
| LET COLUMN 15 | when the text is displayed. This message hides |
| MESSAGE 9 | the corrupt block with a space. |
| LET LINE 20 0 |  |
| LET COLUMN 15 |  |
| PUTBLOCK 0 |  |
| LET LINE 20 |  |
| LET COLUMN 15 |  |
| MESSAGE 9 | As above. |
| LET LINE 21 |  |
| LET COLUMN 15 |  |
| PUTBLOCK 0 |  |
| LET LINE 21 |  |
| LET COLUMN 15 |  |
| MESSAGE 9 | As above. |
| ENDIF |  |
| ENDIF |  |
| IF Y > 18 | Is the player within the bounds of the screen? |
| IF $\mathrm{Y}<=228$ | Note: X and Y are swapped in AGD. |
| IF GOT 3 | Has the player got object 3 (Front Door Key)? |
| ELSE | If not, |
| IF M <> SCREEN | if not already displaying the message, |
| LET M 107 | set to display message 7 |
| ENDIF |  |
| ENDIF |  |
| ELSE | If player is about to leave the screen to the right, |
| LET M 98 | hide any message that may be displayed |
| ENDIF |  |
| ENDIF |  |
| IF $\mathrm{Y}<=18$ | If the player is about to leave the screen to the left, |

LET M 98

## ENDIF

ENDIF
IF SCREEN = 10
IF GOT 2
IF $\mathrm{L}=0$
LET L 1
COLOUR 70
LET LINE 19
LET COLUMN 30
PUTBLOCK 0
LET LINE 19
LET COLUMN 30
MESSAGE 9
LET LINE 20
LET COLUMN 30
PUTBLOCK 0
LET LINE 20
LET COLUMN 30
MESSAGE 9
LET LINE 21
LET COLUMN 30
PUTBLOCK 0
LET LINE 21
LET COLUMN 30
MESSAGE 9
ENDIF
ENDIF
IF $\mathrm{Y}>18$
IF GOT 2
ELSE
IF M <> SCREEN LET M 106
ENDIF
ENDIF
ENDIF
IF Y <= 17
IF GOT 2
ELSE
LET M 98
ENDIF
ENDIF
ENDIF
IF SCREEN $=0$
IF L = 0
LET L 1
IF GOT 0 COLOUR 70
LET LINE 19
LET COLUMN 30
PUTBLOCK 0
LET LINE 19
LET COLUMN 30
MESSAGE 9
LET LINE 20
LET COLUMN 30
PUTBLOCK 0
LET LINE 20
LET COLUMN 30
MESSAGE 9
LET LINE 21
LET COLUMN 30
PUTBLOCK 0
LET LINE 21
LET COLUMN 30
hide any message that may be displayed

Is the player on screen 10?
Has the player got object 2 (Balcony Door Key)?
If the door has not been removed:
Indicator so that the door is not constantly removed.
Paper 0 (Black), Ink 6 (Yellow), BRIGHT.
The following code removes the Balcony door:
Empty space to allow player to walk through the door.
In AGD 4.6, there is an error which corrupts blocks
when the text is displayed. This message hides
the corrupt block with a space.

As above.

As above.

Is the player within the bounds of the screen?
Has the player got object 2 (Balcony Door Key)?
If not,
if not already displaying the message,
set to display message 6

If player is about to leave the screen to the left,
If the player does not have object 2,
hide any message that may be displayed

Is the player on screen 0?
If the doors have not been removed:
Indicator so that the door is not constantly removed.
Has the player got object 0 (Right Basement Door Key)?
Paper 0 (Black), Ink 6 (Yellow), BRIGHT.
The following code removes the Balcony door:
Empty space to allow player to walk through the door.
In AGD 4.6, there is an error which corrupts blocks
when the text is displayed. This message hides
the corrupt block with a space.

| MESSAGE 9 | As above. |
| :---: | :---: |
| ENDIF |  |
| IF GOT 1 | Has the player got object 1 (Left Basement Door Key)? |
| COLOUR 70 | Paper 0 (Black), Ink 6 (Yellow), BRIGHT. |
| LET LINE 19 | The following code removes the Balcony door: |
| LET COLUMN 1 |  |
| PUTBLOCK 0 | Empty space to allow player to walk through the door. |
| LET LINE 19 | In AGD 4.6, there is an error which corrupts blocks |
| LET COLUMN 1 | when the text is displayed. This message hides |
| MESSAGE 9 | the corrupt block with a space. |
| LET LINE 20 |  |
| LET COLUMN 1 |  |
| PUTBLOCK 0 |  |
| LET LINE 20 |  |
| LET COLUMN 1 |  |
| MESSAGE 9 | As above. |
| LET LINE 21 |  |
| LET COLUMN 1 |  |
| PUTBLOCK 0 |  |
| LET LINE 21 |  |
| LET COLUMN 1 |  |
| MESSAGE 9 | As above. |
| ENDIF |  |
| ENDIF |  |
| IF $\mathrm{X}=160$ | Is the player on the bottom floor? |
| IF Y <= 84 | Is the player near the left basement door? |
| IF M <> SCREEN | if not already displaying the message, |
| IF GOT 1 | and the player does not have the key to the door, |
| ELSE |  |
| LET M 105 | then display message 5. |
| ENDIF |  |
| ENDIF |  |
| ENDIF |  |
| IF $\mathrm{Y}>173$ | Is the player near the right basement door? |
| IF M <> SCREEN | if not already displaying the message, |
| IF GOT 0 | and the player does not have the key to the door, |
| ELSE |  |
| LET M 104 | then display message 4. |
| ENDIF |  |
| ENDIF |  |
| ENDIF |  |
| IF $\mathrm{Y}>84$ | If the player is not near any basement door, |
| IF $\mathrm{Y}<=173$ ( |  |
| LET M 98 | then hide any message which may be displayed. |
| ENDIF |  |
| ENDIF |  |
| ENDIF |  |
| ENDIF |  |
| IF M > 100 | Is there a message to be displayed? If so, |
| SUBTRACT 100 FROM M | subtract 100 from M to find the actual message number, |
| LET LINE 23 | then position the text. |
| LET COLUMN 1 l |  |
| COLOUR 7 | Paper 0 (Black), Ink 7 (White) |
| MESSAGE M |  |
| LET M SCREEN | The message for the current screen is being displayed. |
| LET N 1 | There is a message which can be cleared when required. |
| ENDIF |  |
| IF $\mathrm{M}=98$ | Is M to "clear message area" (98)? |
| IF $\mathrm{N}=1$ | Is there a message to be cleared? |
| COLOUR 1 | Paper 0 (Black), Ink 1 (Blue) |
| LET LINE 23 | Position the text. |
| LET COLUMN 1 - |  |
| MESSAGE 11 | Display the copyright message. |
| LET M 99 | No message to be displayed. |
| LET N 0 | Message area already cleared, no action required. |

```
IF OBJ <> 255 Has the player made contact with an object? If so,
```

    IF OBJ > 17 Is this object a switch?
        IF \(0=0\)
        LET 09
            LET PARAMA \(X\)
            LET PARAMB \(Y\)
    If nothing is currently happening:
    Indicate that a switch is being used.
    Store player x position
                            Store player y position
            LET X 136
            LET Y 168
            IF GOT 18
                IF OBJ \(=19\)
                    GET OBJ
                    PUT 18
                ENDIF
            ELSE
                IF GOT 19
                    IF OBJ \(=18\)
                    GET OBJ
                        PUT 19
                    ENDIF
                ENDIF
            ENDIF
        LET X PARAMA Restore player x position
        LET Y PARAMB Restore player y position
        \begin{tabular}{l|l} 
    LET X PARAMA \& Restore player $x$ position <br>
LET Y PARAMB \& Restore player y position
\end{tabular}

        ENDIF
    ELSE
        GET OBJ pick up the object.
        IF \(O B J=0 \quad\) Is this the "Right Basement Key"? If so,
        GET OBJ pick up the object.
        LET 03
        IF \(O B J=0 \quad\) Is this the "Right Basement Key"? If so,
    flash the "Right Basement Key" icon.
        ELSE
        IF OBJ <= 3
        IF OBJ <= \(=3\)
    LET O OBJ
ADD 3 TO 0 flash the relevant key icon.
ELSE
IF OBJ <= 10 Is this a heart? If so,
IF OBJ $<=10$
LET 02
increment the LIVES counter, \& flash the next life icon.
ELSE
IF OBJ <= 17 Is this a battery? If so,
LET 07 increment the battery count, \& flash the battery icon.
ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
BEEP 30 Beep!
ENDIF
IF $A=0 \quad$ Should the sprite be animated? If so,
$\begin{aligned} \text { IF } A & =0 \\ \text { IF } G & =0\end{aligned}$
SPRITEINK 6
ELSE
SUBTRACT 1 FROM G
IF $\mathrm{F}=99$
SPRITEINK 6
ELSE
IF F $>2$ Flash indicator - what colour to use?
$\begin{array}{ll}\text { F > 2 } & \text { Flash indicator - what colour } \\ \text { SPRITEINK } 6 & \text { Set the sprite ink to yellow. }\end{array}$
ELSE
SPRITEINK 0 Set the sprite ink to black.
ENDIF

| SUBTRACT 1 FROM F | Decrement the flash indicator. |
| :--- | :--- |
| IF $F=0$ | If the flash indicator is 0, |


| SUBTRACT 1 FROM F | Decrement the flash indicator. |
| :--- | :--- |
| IF $\mathrm{F}=0$ | If the flash indicator is 0, |

                LET F 4
            ENDIF
        is the player in normal mode? Is so,
        set the sprite ink to yellow.
        else the player is in "God" mode, so
        Decrement the "God" counter by one.
            \begin{tabular}{l|l} 
    SUBTRACT 1 FROM F \& Decrement the flash indicator. <br>
IF $\mathrm{F}=0$ \& If the flash indicator is 0,
\end{tabular}

                    then reset it.
    Has the player got the boiler ON switch?
    If so, then check for the boiler OFF switch.
                    Get the OFF switch.
    Replace it on screen with the ON switch.
                    Has the player got the boiler OFF switch?
                    If so, check for the boiler ON switch.
                    Get the ON switch.
                            Replace it on screen with the OFF switch.
                        PUT 19
            Is this another key? If so,
    IF OBJ $<=17$
LET 07
Skip screen change/sprite update issue.
flash the relevant key icon.
Is this object a switch?
DIF
ENDI
IF F > 2
SPRITEINK 6

| ENDIF |  |
| :---: | :---: |
| ENDIF |  |
| ANIMATE | Animate the sprite (show the next frame of the sprite). |
| ENDIF |  |
| IF X <= 26 | If passed the top of the screen, |
| IF $G=0$ | If not in god mode |
| LET G 6 | Set god mode for 6 cycles to correct for screen change/ |
| LET F 99 | sprite update issue. |
| ENDIF |  |
| SCREENUP | move to the next screen |
| LET X 164 | Reset the X position to the bottom of the screen |
| JUMP | Cause the player to jump |
| EXIT | Exit immediately. |
| ENDIF |  |
| IF X > 166 | If passed the bottom of the screen, |
| IF $G=0$ | If not in god mode |
| LET G 6 | Set god mode for 6 cycles to correct for screen change/ |
| LET F 99 | sprite update issue. |
| ENDIF |  |
| SCREENDOWN | move to the next screen. |
| LET X 28 | Reset the X position to the top of the screen. |
| EXIT | Exit immediately. |
| ENDIF |  |
| IF $\mathrm{Y}>=232$ | If passed the right of the screen, |
| IF $G=0$ | If not in god mode |
| LET G 6 | Set god mode for 6 cycles to correct for screen change/ |
| LET F 99 | sprite update issue. |
| ENDIF |  |
| SCREENRIGHT | move to the next screen. |
| LET Y 10 | Reset the Y position to the left of the screen. |
| SUBTRACT 1 FROM X | Reposition player one pixel up. |
| EXIT | Exit immediately. |
| ENDIF |  |
| IF $\mathrm{Y}<=8$ | If passed the left of the screen, |
| IF $G=0$ | If not in god mode |
| LET G 6 | Set god mode for 6 cycles to correct for screen change/ |
| LET F 99 | sprite update issue. |
| ENDIF |  |
| SCREENLEFT | move to the next screen. |
| LET Y 230 | Reset the Y position to the right of the screen. |
| SUBTRACT 1 FROM X | Reposition player one pixel up. |
| EXIT | Exit immediately. |
| ENDIF |  |
| IF KEY 0 | If "right" key pressed, |
| IF CANGORIGHT | and player can move right, |
| SPRITERIGHT | move the player to the right. |
| ENDIF |  |
| ENDIF |  |
| IF KEY 1 | If "left" key pressed, |
| IF CANGOLEFT | and player can move left, |
| SPRITELEFT | move the player to the left. |
| ENDIF |  |
| ENDIF |  |
| IF KEY 4 | If "jump" key pressed, |
| JUMP | Jump. |
| BEEP 100 | Beep! |
| ENDIF |  |
| IF CANGODOWN | If there is nothing underneath the player, |
| FALL | fall! |
| ENDIF |  |
| NDIF |  |

## Sprite type 1 (Evil Bob)

```
IF P > 0 Is the game in play mode (i.e. Player not dying)?
    IF PARAMA = 0
        IF CANGOLEFT
            SPRITELEFT
        ELSE
            LET PARAMA 1
        ENDIF
    ELSE
        IF CANGORIGHT
            SPRITERIGHT
        ELSE
            LET PARAMA 0
        ENDIF
    ENDIF
    SPRITEINK PARAMB
    IF A = 0
        ANIMATE
    ENDIF
    IF G = 0
        IF COLLISION 0
            LET O 1
        Is the sprite moving left?
        Can the sprite move left?
        Move the sprite left.
        If the sprite cannot move left,
        set the sprite to move right.
    Can the sprite move right?
    Move the sprite right.
    If the sprite cannot move right,
    set the sprite to move left.
    Colour defined in the Initialise Sprite event.
    Is it time to animate?
    Animate the sprite.
    Is the player in normal mode (i.e. Not God mode)>
    Has there been a collision with the player
    Decrement player's lives, and remove life icon.
        ENDIF
    ENDIF
ENDIF
```


## Sprite type 2 (Bat)

```
IF P > 0 Is the game in play mode (i.e. Player not dying)?
    IF PARAMA = 0
        Is the sprite moving left?
        IF CANGOLEFT Can the sprite move left?
            SPRITELEFT Move the sprite left.
        ELSE
            LET PARAMA 1
        ENDIF
    ELSE
        IF CANGORIGHT
            SPRITERIGHT
        ELSE
            LET PARAMA 0
        ENDIF
    ENDIF
    IF DIRECTION = 0
        IF CANGOUP
            SPRITEUP
        ELSE
            LET DIRECTION 1
        ENDIF
    ELSE If the sprite is moving down,
        IF CANGODOWN
            SPRITEDOWN
        ELSE
            LET DIRECTION 0
        ENDIF
    ENDIF
    SPRITEINK 1
    IF A = 0
        IF PARAMB <= 2
            LET FRAME PARAMB
        ELSE
            LET FRAME 1
        ENDIF
        ADD 1 TO PARAMB Increment the frame sequence counter.
```

```
        IF PARAMB > 3
LET FRAME 0
        ENDIF
    ENDIF
    ENDIF
ENDIF
If the frame sequence counter is > 3,
reset the frame sequence counter to 0.
```

```
    IF G = 0 Is the player in normal mode (i.e. Not God mode)>
```

    IF G = 0 Is the player in normal mode (i.e. Not God mode)>
        IF COLLISION 0
        IF COLLISION 0
    Has there been a collision with the player
Has there been a collision with the player
LET O 1
LET O 1
Decrement player's lives, and remove life icon.
Decrement player's lives, and remove life icon.
ENDIF

```
ENDIF
```


## Sprite type 3 (Spider)

| IF $P>0$ | Is the game in play mode (i.e. Player not dying)? |
| :---: | :--- |
| IF PARAMA $=0$ | Is the sprite moving up? |
| IF CANGOUP | Can the sprite move up? |
| SPRITEUP | Move the sprite up. |
| ELSE | If the sprite cannot move up, |
| LET PARAMA 1 | set the sprite to move down. |
| ENDIF | If the sprite is moving down, |
| ELSE | Can the sprite move down? |
| IF CANGODOWN | Move the sprite down. |
| SPRITEDOWN | If the sprite cannot move down, |
| ELSE | set the sprite to move up. |
| LET PARAMA 0 |  |
| ENDIF | Colour defined in the Initialise Sprite event. |
| ENDIF | Is it time to animate? |
| SPRITEINK PARAMB | Animate the sprite. |
| IF A $=0$ | Is the player in normal mode (i.e. Not God mode)> |
| ANIMATE | Has there been a collision with the player |
| ENDIF | Decrement player's lives, and remove life icon. |
| IF G $=0$ |  |

## Sprite type 4 (Frog Head)

| IF $\mathrm{P}>0$ | Is the game in play mode (i.e. Player not dying)? |
| :---: | :---: |
| IF PARAMA $=0$ | Is the sprite moving left? |
| IF CANGOLEFT | Can the sprite move left? |
| SPRITELEFT | Move the sprite left. |
| IF IMAGE <> 7 | If the sprite image is not facing left, |
| LET IMAGE 7 | set the sprite image to face left. |
| ENDIF |  |
| SUBTRACT 16 FROM Y | Check to see if the sprite is at the edge of a platform. |
| IF CANGODOWN | If the sprite is at the edge, |
| LET PARAMA 1 | set the sprite to move right. |
| ENDIF |  |
| ADD 16 TO Y |  |
| ELSE | If the sprite cannot move left, |
| LET PARAMA 1 | set the sprite to move right. |
| ENDIF |  |
| ELSE | Is the sprite moving right? |
| IF CANGORIGHT | Can the sprite move right? |
| SPRITERIGHT | Move the sprite right. |
| IF IMAGE <> 6 | If the sprite image is not facing right, |
| LET IMAGE 6 | set the sprite image to face right. |
| ENDIF |  |
| ADD 16 TO Y | Check to see if the sprite is at the edge of a platform. |
| IF CANGODOWN | If the sprite is at the edge, |


| LET PARAMA 0 | set the sprite to move left. |
| :---: | :---: |
| ENDIF |  |
| SUBTRACT 16 FROM Y |  |
| ELSE | If the sprite cannot move right, |
| LET PARAMA 0 | set the sprite to move left. |
| ENDIF |  |
| ENDIF |  |
| SPRITEINK 4 | GREEN body. |
| SUBTRACT 8 FROM X |  |
| SPRITEINK 6 | YELLOW eyes. |
| ADD 8 TO X |  |
| IF $A=0$ | Is it time to animate the sprite? |
| IF PARAMB <= 2 | If the current frame sequence is $<=2$, |
| LET FRAME PARAMB | set the sprite frame to the current sequence number. |
| ELSE | If the current frame sequence is $>2$, |
| LET FRAME 1 | set the frame to 1. |
| ENDIF |  |
| ADD 1 TO PARAMB | Increment the frame sequence counter. |
| IF PARAMB > 3 | If the frame sequence counter is > 3, |
| LET FRAME 0 | reset the frame sequence counter to 0 . |
| ENDIF |  |
| ENDIF |  |
| IF G = 0 | Is the player in normal mode (i.e. Not God mode)> |
| IF COLLISION 0 | Has there been a collision with the player |
| LET 01 | Decrement player's lives, and remove life icon. |
| ENDIF |  |
| ENDIF |  |
| ENDIF |  |

## Sprite type 5 (Collectable Objects)

```
IF IMAGE <> 8 If this is not a heart,
    IF FRAME = 0 If the current frame is 0,
        SPRITEINK 71 set the sprite ink to bright white
    ELSE Otherwise, if the current frame is not 0,
        SPRITEINK 6 set the sprite ink to yellow
    ENDIF
ENDIF
IF IMAGE = 12 If this is the front door key,
    IF A = 0
        IF PARAMB = 0
            ANINATE If so, animate the sprite.
            IF FRAME = 6
                    LET PARAMB 1
                                If this is the last frame,
                                set to animate backwards.
            ENDIF
        ELSE
            ANIMBACK
            IF FRAME = 0
                    LET PARAMB 0
        Is it time to animate?
        If so, is the sprite being animated forward?
                            Is the sprite being animated backwards?
                                If so, animate the sprite backwards.
                                If so, animate the sprite b
                        set to animate forwards.
            ENDIF
        ENDIF
    ENDIF
ENDIF
IF IMAGE = 11 If this is the balcony key,
    IF A = 0
        Is it time to animate?
        IF PARAMB = 0
        If so, is the sprite being animated forward?
            ANIMATE If so, animate the sprite.
            IF FRAME = 6
            LET PARAMB 1
        If this is the last frame,
        set to animate backwards.
            ENDIF
        ELSE
            ANIMBACK
            IF FRAME = 0
            LET PARAMB 0
            Is the sprite being animated backwards?
            If so, animate the sprite backwards.
        If this is the first frame,
set to animate forwards.
```


## ENDIF

IF IMAGE $=10 \quad$ If this is the air con room key,

$$
\text { IF } A=0
$$

        IF PARAMB \(=0\)
            ANIMATE
    IF FRAME $=4$
LET PARAMB 1
ENDIF
ELSE
ANIMBACK
IF FRAME $=0$
LET PARAMB 0
ENDIF
ENDIF
ENDIF
ENDIF
IF IMAGE $=9$ If this is the boiler room jey,
IF $A=0$
IF PARAMB $=0$
ANIMATE If so, animate the sprite.
IF FRAME $=4$ If this is the last frame,
LET PARAMB 1 set to animate backwards.
ENDIF
ELSE
ANIMBACK
IF FRAME $=0$
LET PARAMB 0
ENDIF
ENDIF
ENDIF
ENDIF
IF IMAGE $=8$
SPRITEINK 2
SUBTRACT 8 FROM $X$
SUBTRACT 8 FROM $Y$
SPRITEINK 66
ADD 8 TO X
ADD 8 TO Y
IF $A=0$
LET FRAME 0
IF PARAMB $=10$
LET FRAME 1
BEEP 2
ENDIF
IF PARAMB $=12$
LET FRAME 1
BEEP 2
ENDIF
ADD 1 TO PARAMB Increment the frame sequence counter.
IF PARAMB > 12
LET PARAMB 0
ENDIF
ENDIF
IF COLLISION 0
REMOVE
ENDIF
Is it time to animate?
If so, is the sprite being animated forward?
If so, animate the sprite.
If this is the last frame,
set to animate backwards.
Is the sprite being animated backwards?
If so, animate the sprite backwards.
If this is the first frame,
set to animate forwards.
Is it time to animate?
If so, is the sprite being animated forward?
Is the sprite being animated backwards?
If so, animate the sprite backwards.
If this is the first frame,
set to animate forwards.
If this is a heart,
Red.
Bright red.
Is it time to animate?
Reset the current frame.
Is this frame 10 of the animation sequence?
If so, set the frame image to 1.
Beep!
Is this frame 12 of the animation sequence?
If the frame sequence counter is $>12$,
reset the frame sequence counter to 0
If there is a collision with the player,
remove the sprite (i.e. the object has been collected).

## Sprite type 7 (Teleporter)

```
IF A = 0 Is it time to animate?
    GETRANDOM 2
    Get a random number (0 or 1).
```

```
    IF RND = 1 If the random number is 1,
        SPRITEINK 5
    ELSE
        SPRITEINK }6
    ENDIF
    IF PARAMB <= 3
        LET FRAME PARAMB
    ELSE
        IF PARAMB = 4
            LET FRAME 2
        ENDIF
IF PARAMB = 5
            LET FRAME 1
        ENDIF
        IF PARAMB = 6
            LET FRAME 0
        ENDIF
        IF PARAMB = 7
            LET FRAME 4
        ENDIF
        IF PARAMB = 8
            LET FRAME 5
        ENDIF
        IF PARAMB = 9
            LET FRAME 6
        ENDIF
        IF PARAMB = 10
            LET FRAME 5
        ENDIF
        IF PARAMB = 11
            LET FRAME 4
        ENDIF
    ENDIF
    ADD 1 TO PARAMB Increment the frame sequence counter.
    IF PARAMB > 11
        LET PARAMB 0
    ENDIF
ENDIF
set the sprite ink to cyan
If the random number is 0,
set the sprite ink to bright cyan
(This causes the teleporter to "shimmer").
The following lines of code control the animation of the
teleporter. Wherever you see this sort of thing in the code,
it is used to same memory. Each frame of a sprite uses 256
bytes. This code saves }6\mathrm{ frames, which equates to 1.5K of
memory. The code itself uses a lot less than 1.5K, therefore
saving some vital resources.
```

| LET PARAMB 1 | then set fan to on. |
| :---: | :---: |
| ENDIF |  |
| ENDIF |  |
| IF PARAMA $=5$ | Fan 6. |
| IF GOT 16 | If got Battery 6, |
| LET PARAMB 1 | then set fan to on. |
| ENDIF |  |
| ENDIF |  |
| IF PARAMA $=6$ | Fan 7. |
| IF GOT 17 | If got Battery 7, |
| LET PARAMB 1 | then set fan to on. |
| ENDIF |  |
| ENDIF |  |
| IF GOT 18 | If still have the Boiler OFF switch (ie. Boiler is on), |
| LET PARAMB 0 | do not allow the fans to turn. |
| ENDIF |  |
| IF PARAMB $=0$ | Is the fan off? |
| SPRITEINK 2 | Make the fan Red |
| ELSE | Is the fan on? |
| SPRITEINK 4 | Make the fan Green, and |
| ANIMATE | animate it. |
| ENDIF |  |
| ENDIF |  |

## Initialise sprite

| LET PARAMA 0 |  |
| :---: | :---: |
| LET PARAMB 0 |  |
| IF TYPE $=0$ | If the current sprite is the player, |
| LET G 50 | then start in "God" mode. |
| LET F 4 |  |
| ENDIF |  |
| IF TYPE = 1 | If this is Evil Bob, |
| IF D <= 1 | If D, the colour counter, has not already been set, |
| IF SCREEN <= 13 | Is the player in the house? |
| LET D 4 | First sprite should be green |
| ELSE | Otherwise, if the player is outside |
| LET D 2 | First sprite should be red |
| ENDIF |  |
| LET PARAMB D | Assign sprite colour. |
| ADD 1 TO D | Increment to the next colour |
| IF D > 5 | If the colour counter is > 5, |
| LET D 2 | reset the colour counter to 2 (Red) |
| ENDIF |  |
| ENDIF |  |
| IF TYPE = 3 | If this is a spider, |
| IF D <= 1 | If $D$, the colour counter, has not already been set, |
| LET D 3 | start at magenta. |
| ENDIF |  |
| LET PARAMB D | Assign sprite colour |
| ADD 1 TO D | Increment to the next colour |
| IF $\mathrm{D}>5$ | If the colour counter is > 5, |
| LET D 2 | reset the colour counter to 2 (Red) |
| ENDIF |  |
| ENDIF |  |
| IF TYPE $=5$ | If this is a collectable object, |
| IF IMAGE = 12 | If this is the front door key sprite, |
| IF SCREEN $=9$ | and we are on screen 9, |
| IF GOT 3 | and we have already picked up the front door key, |
| REMOVE | then remove the front door key sprite from the screen. |
| ENDIF |  |
| ENDIF |  |
| ENDIF |  |
| IF IMAGE = 11 | If this is the balcony key sprite, |

```
        IF SCREEN = 19
    IF GOT 2
        REMOVE
        ENDIF
    ENDIF
    ENDIF
    IF IMAGE = 10
        IF SCREEN = 10
        IF GOT 1
            REMOVE then remove the air con room key sprite from the screen.
        ENDIF
        ENDIF
    ENDIF
    IF IMAGE = 9
        IF SCREEN = 5
        IF GOT 0
            REMOVE
        ENDIF
        ENDIF
    ENDIF
    IF IMAGE = 8
        IF SCREEN = 0
        IF D <= 7
            LET D 7 set the sprite counter to 7
        ENDIF
        LET PARAMA D
        IF PARAMA = 7
                IF GOT 7
                REMOVE
            ENDIF
        ENDIF
        IF PARAMA = 8 If this is the sprite numbered 8,
            IF GOT 8
                REMOVE
            ENDIF
            ENDIF
            ADD 1 TO D
        ENDIF
        IF SCREEN = 12
            IF GOT 4
            REMOVE
        ENDIF
    ENDIF
    IF SCREEN = 30 If this is screen 30,
        IF GOT 5 and we have already picked up this heart (object 5),
            REMOVE then remove this heart sprite from the screen.
            ENDIF
    ENDIF
    IF SCREEN = 7
            IF GOT }
            REMOVE
            ENDIF
    ENDIF
    IF SCREEN = 18
        IF GOT }
            REMOVE
        ENDIF
    ENDIF
    IF SCREEN = 26
            IF GOT 10
                REMOVE
            ENDIF
        ENDIF
    ENDIF
ENDIF
and we are on screen 19,
    and we have already picked up the balcony key,
    If this is the air con room key sprite,
    and we are on screen 10,
    and we have already picked up the air con room key,
        If this is the boiler room key sprite,
        and we are on screen 5,
        and we have already picked up the boiler room key,
        then remove the boiler room key sprite from the screen.
    If this is a heart,
        IF SCREEN = 0 and we are on screen 0
        If the sprite counter <= 7,
        Number the sprite so it can be matched to an object.
        If this is the sprite numbered 7,
        and we have already picked up this heart (object 7),
        then remove this heart sprite from the screen.
        If this is screen 7,
        and we have already picked up this heart (object 6),
                                    then remove this heart sprite from the screen.
                                    and we have already picked up this heart (object 8),
                                    then remove this heart sprite from the screen.
                                    Increment the sprite counter.
                                    If this is screen 12,
                                and we have already picked up this heart (object 4),
                                then remove this heart sprite from the screen.
                                    then remove this heart sprite from the screen.
                                    If this is screen 18,
                                    and we have already picked up this heart (object 9),
                                    then remove this heart sprite from the screen.
                                    If this is screen 26,
                                    and we have already picked up this heart (object 10),
```

```
IF SCREEN = 1
    IF TYPE = 8
        LET PARAMA D
        ADD 1 TO D
    ENDIF
ENDIF
```


## Main loop 1

| IF $\mathrm{P}=99$ | Is the game in attract mode? |
| :---: | :---: |
| IF SCREEN <= 30 |  |
| LET LINE 23 |  |
| LET COLUMN 4 |  |
| IF $\mathrm{K}=1$ | If the message display counter is 1, |
| COLOUR 7 |  |
| MESSAGE 40 | "O=Left, P=Right, Z=Jump" |
| ENDIF |  |
| IF K = 50 | If the message display counter is 50, |
| COLOUR 5 |  |
| MESSAGE 41 | "Press JUMP to start" |
| ENDIF |  |
| IF $K=100$ | If the message display counter is 100, |
| COLOUR 1 |  |
| LET COLUMN 1 |  |
| MESSAGE 11 | Copyright message. |
| ENDIF |  |
| ADD 1 TO K | Increment the message display counter. |
| IF K = 151 | If the message display counter = 151, |
| LET K 1 | reset it to 1. |
| ENDIF |  |
| ENDIF |  |
| IF KEY 4 | Has the JUMP key been pressed? |
| COLOUR 1 |  |
| LET LINE 23 |  |
| LET COLUMN 1 |  |
| MESSAGE 11 | Copyright message. |
| LET SCREEN 0 | Start the game at screen 0 . |
| LET A 0 | Reset the animation indicator. |
| LET L 0 | Reset |
| LET P 1 | Reset play mode indicator (1 = play). |
| LET X 144 | Reset player $Y$ position (yes, they are swapped in AGD). |
| LET Y 120 | Reset player $X$ position (yes, they are swapped in AGD). |
| SPAWN 00 | Spawn the player sprite (0) with image 0. |
| EXIT | Exit immediately. |
| ENDIF |  |
| IF $E=0$ | Is it time to change the screen? |
| ADD 1 TO C | Incr the screen counter (C). |
| IF $C=32$ | We only have 31 screens, so |
| LET C 2 | reset the screen counter. |
| ENDIF |  |
| LET E 151 | Reset E for 151 cycles. |
| LET SCREEN C | Display the next screen in the sequence. |
| ENDIF |  |
| SUBTRACT 1 FROM E | Decrement the screen timer (E). |
| ENDIF |  |
| IF $A=1$ | Animation flip flop. |
| LET A 0 |  |
| ELSE |  |
| ADD 1 TO A |  |
| ENDIF |  |
| IF SCREEN = 31 | Is the current screen the home screen? |
| IF $L=0$ | Has the messages already been displayed? If not, |
| LET E 255 | Set the screen change timer to 255 cycles. |
| LET K 0 |  |


| LET L 1 | Set the message displayed indicator. |
| :---: | :---: |
| LET P 99 | Set the game to attract mode. |
| LET LINE 4 |  |
| LET COLUMN 16 |  |
| MESSAGE 42 | "Silly BOB has" |
| LET LINE 5 |  |
| LET COLUMN 16 |  |
| MESSAGE 43 | "lost the keys" |
| LET LINE 6 |  |
| LET COLUMN 16 |  |
| MESSAGE 44 | "to the Boiler" |
| LET LINE 7 |  |
| LET COLUMN 16 |  |
| MESSAGE 45 | "and Air Con" |
| LET LINE 8 |  |
| LET COLUMN 16 |  |
| MESSAGE 46 | "rooms." |
| LET LINE 10 |  |
| LET COLUMN 16 |  |
| MESSAGE 47 | "It's summer," |
| LET LINE 11 |  |
| LET COLUMN 16 |  |
| MESSAGE 48 | "and it's hot." |
| LET LINE 13 |  |
| LET COLUMN 16 |  |
| MESSAGE 49 | "Help BOB find" |
| LET LINE 14 |  |
| LET COLUMN 16 |  |
| MESSAGE 50 | "those keys," |
| LET LINE 15 |  |
| LET COLUMN 16 |  |
| MESSAGE 51 | "and cool down." |
| COLOUR 7 |  |
| LET LINE 20 |  |
| LET COLUMN 4 |  |
| MESSAGE 40 | "O=Left, P=Right, $\mathrm{Z}=$ Jump" |
| COLOUR 232 |  |
| LET LINE 23 |  |
| LET COLUMN 1 |  |
| MESSAGE 11 | Copyright message. |
| ENDIF |  |
| ENDIF |  |
| IF SCREEN $=3$ | Is the current screen the boiler room? |
| IF $A=0$ | Is it time to animate? |
| IF GOT 18 | Has the player got the Off switch (therefore furnace is on)? |
| IF $\mathrm{L}=0$ | Here, L is used as a message counter. If it hasn't been set |
| LET L = 27 | then set it to 27 (first flame in the sequence). |
| ENDIF |  |
| COLOUR 66 | PAPER BLACK, INK RED, BRIGHT |
| LET LINE 19 |  |
| LET COLUMN 24 |  |
| MESSAGE L | Flame! |
| ADD 1 TO L | Get the next message (flame sequence) |
| COLOUR 86 | PAPER RED, INK YELLOW, BRIGHT |
| LET LINE 20 |  |
| LET COLUMN 24 |  |
| MESSAGE L | Flame! |
| IF L = 32 | If the last flame in the sequence has been used, |
| LET L 27 | reset the counter to the first frame (27). |
| ENDIF |  |
| ELSE | If the player has the Off switch, hide the flames. |
| COLOUR 0 | PAPER BLACK, INK BLACK |
| LET LINE 19 |  |
| LET COLUMN 24 |  |
| MESSAGE 33 | SPACES |

```
        LET LINE 20
        LET COLUMN 24
        MESSAGE 33
        SPACES
        ENDIF
    ENDIF
ENDIF
```


## Main loop 2

IF $0>0$
IF K = 0
LET K 4
ENDIF
IF J = 0
LET J 51 Set countdown timer to 51 ticks
IF $0=1$
LET G 50
LET F 4
LET P 0
God mode?
Set god counter to 50 ticks
Set flash counter to 4 ticks
ENDIF
IF $0=2$
IF LIVES <= 7
ADD 1 TO LIVES
If there are still lives to add:
ENDIF
ENDIF
IF $0=7 \quad$ Add battery?
IF B <= 6 If there are still batteries to add:
ADD 1 TO B Increment the battery counter.
ENDIF
ENDIF
IF $0>2$
IF $0<=7$
COLOUR 7
LET LINE 23
LET COLUMN 1
IF $0=3$
MESSAGE 38 "The BOILER ROOM key."
ENDIF
IF $0=4$
MESSAGE 39 "The AIR CON ROOM key."
ENDIF
IF $0=5$
MESSAGE 37 "The BALCONY key."
ENDIF
IF $0=6$
MESSAGE 36 "The FRONT DOOR key."
ENDIF
ENDIF
ENDIF
IF $0=8$
LET 00
LET J 0
LET K 0
IF $\mathrm{H}=0$
LET H 1
IF GOT 19
IF B <= 6
COLOUR 6
LET LINE 14
LET COLUMN 5
MESSAGE 20
LET LINE 15
LET COLUMN 5
MESSAGE 21

Display all collected batteries in screen 1.
Reset 0 indicator so other actions can take place.
Reset J countdown timer as we don't need it.
Have these messages not already been displayed?
Set the message displayed indicator.
If the furnace has been turned off?
If all batteries have not been collected.
PAPER 0 (Black), INK 6 (Yellow)
"Collect all of the"
"batteries to cool the"

```
    LET LINE 16
    LET COLUMN 5
    MESSAGE 22
    LET LINE }1
    LET COLUMN 5
    MESSAGE 23
    ELSE
        COLOUR 4
        LET LINE 14
        LET COLUMN 4
        MESSAGE 24
        LET LINE 15
        LET COLUMN 4
        MESSAGE 25
        LET LINE 15
        LET COLUMN 4
        MESSAGE 26
        ENDIF
ELSE
    COLOUR 7
    LET LINE 14
    LET COLUMN 6
    MESSAGE 34
    LET LINE }1
    LET COLUMN 6
    MESSAGE 35 "the boiler first."
ENDIF
COLOUR 7
IF GOT 11
    LET LINE 10
    LET COLUMN 3
    MESSAGE 18 Top of battery.
    LET LINE 11
    LET COLUMN 3
    MESSAGE 19 Bottom of battery.
ENDIF
IF GOT 12
    LET LINE 10
    LET COLUMN 7
    MESSAGE 18 Top of battery.
    LET LINE 11
    LET COLUMN 7
    MESSAGE 19 Bottom of battery.
ENDIF
IF GOT 13
    LET LINE 10
    LET COLUMN 11
    MESSAGE 18 Top of battery.
    LET LINE 11
    LET COLUMN 11
    MESSAGE 19 Bottom of battery.
ENDIF
IF GOT 14
    LET LINE 10
    LET COLUMN 15
    MESSAGE 18 Top of battery.
    LET LINE 11
    LET COLUMN 15
    MESSAGE 19 Bottom of battery.
ENDIF
IF GOT 15
    LET LINE 10
    LET COLUMN }1
    MESSAGE 18 Top of battery.
    LET LINE 11
```

```
                LET COLUMN 19
                    MESSAGE 19 Bottom of battery.
            ENDIF
            IF GOT 16
                LET LINE 10
                LET COLUMN 23
                MESSAGE 18 Top of battery.
                LET LINE 11
                LET COLUMN }2
                MESSAGE 19 Bottom of battery.
            ENDIF
            IF GOT 17
                LET LINE 10
                LET COLUMN 27
                MESSAGE }1
                LET LINE }1
                LET COLUMN 27
                MESSAGE 19
            ENDIF
        ENDIF
        EXIT
        ENDIF
ENDIF
SUBTRACT 1 FROM J Dec countdown timer.
IF O = 1
    IF K > 2
        COLOUR 74
    ELSE
        COLOUR 73
    ENDIF
    IF J = 1
        COLOUR 73
    ENDIF
ELSE
    IF K > 2
        COLOUR 79
    ELSE
        COLOUR 73
    ENDIF
    IF J = 1
        COLOUR }7
    ENDIF
ENDIF
SUBTRACT 1 FROM K
LET LINE 2
IF 0 = 1
    LET COLUMN LIVES
    MESSAGE 17
ENDIF
IF O = 2
    LET COLUMN LIVES
    MESSAGE 8
ENDIF
IF O = 3
    LET COLUMN 24
    MESSAGE }1
ENDIF
IF O = 4
    LET COLUMN 25
    MESSAGE 13
ENDIF
IF O = 5
    LET COLUMN 26
    MESSAGE 14
    ENDIF
```

```
    IF O = 6
        LET COLUMN 27
        MESSAGE 15
    ENDIF
    IF O > 6
        IF 0<= 8
            LET COLUMN 28
            DISPLAY B
            LET COLUMN 29
            MESSAGE 16
        ENDIF
    ENDIF
    IF J = 1 Is the countdown timer at the end of its cycle?
        IF 0 = 1
            Remove a life?
            SUBTRACT 1 FROM LIVES
        ENDIF
        IF O > 2
            IF 0 <= 7
                COLOUR 1
                LET LINE 23
                LET COLUMN 1
                MESSAGE 11 Copyright message.
            ENDIF
        ENDIF
        LET O 0 All done, so reset to 0.
        LET K 0
    ENDIF
ENDIF
```


## Game initialisation

```
GET 18
```

LET LIVES 1
COLOUR 71
CLS
LET A 0
LET B 0
LET C 1
LET D 0
LET L 0
LET M 99
LET P 1
COLOUR 1
LET LINE 23
LET COLUMN 1
MESSAGE 11 Copyright message.
COLOUR 78
LET LINE 1
LET COLUMN 1
MESSAGE 1
COLOUR 77
LET LINE 2
LET COLUMN 1
MESSAGE 2 "Summer Breeze"

## Restart screen

```
LET D 0
LET H 0
LET L 0
IF SCREEN = 0
    COLOUR 79
    LET LINE 2
```


## Fell too far

## Kill player

## Lost game

## Completed game

## Global Variables (A to P)

A. Animation indicator. Slows down sprite animation without slowing down game speed. Animate when 0 , otherwise do not animate.
B. Battery collected counter. Counter is incremented every time a battery is collected.
C. Current screen number during attract mode.
D. Fan (Sprite: Image 4, Type 8) counter and sprite colour counter, for use in the Initialise Sprite event.
E. Screen change counter during attract mode.
F. Flash indicator. Used in conjunction with $G$ to flash the player sprite, indicating that the player is invincible.
G. God indicator. Gives the player invincibility for a short time at the start of the game, and also after a player's life has been taken.
H. Screen 1 (Air Con Room) message and battery displayed indicator.
I. Temporary variable.
J. Status Icon flash timer.
K. Flash indicator. Used in conjunction with J to flash status icons.
L. Door removed indicator (Screens 0, 7, and 10) / Fire counter (Screen 3), message displayed indicator (Screen 31).
M. Message indicator. Allows the display of messages at the bottom of the screen. When 98, the message area is cleared (or default message is displayed). When 99, no action is taken. When $M>=100$, then message $M$ minus 100 is displayed.
N. Message displayed indicator. When 1, a message is being displayed. Used in conjunction with M. When M is 98, and $N$ is 1, the message area is cleared (or default message is displayed).
O. Output indicator. To output special events, such as flashing messages. $0=$ do nothing, $1=$ flash life before removing, $2=$ flash life when adding, $3=$ flash right key when collected, 4 = flash left key when collected, 5 = flash balcony key when collected, $6=$ flash front door key when collected, 7 flash battery when collected, 8 to display messages and batteries in screen 1, 9 to allow the player to move screens without getting killed by sprites from the previous screen. All of these events are controlled through the $2^{\text {nd }}$ main event loop.
P. Player indicator. When 0, player sprite is dying, otherwise player sprite is alive. This always the display of a separate sprite animation when player has been killed.

## Miscellaneous

Collision distance: 12
Sprite height: 16
SPRITEINK mask: 71
Order sprites: ON
Specialise: PARTICLES
AY sounds: OFF

## Objects

See the "Objects" folder for images.

0 - Key for the right basement door.
1 - Key for the left basement door.
2 - Key for the balcony door.
3 - Key for the front door.
4 - Heart 1
5 - Heart 2
6 - Heart 3
7 - Heart 4
8 - Heart 5
9 - Heart 6

10 - Heart 7
11 - Battery 1
12 - Battery 2
13 - Battery 3
14 - Battery 4
15 - Battery 5
16 - Battery 6
17 - Battery 7
18 - Boiler on switch
19 - Boiler off switch

## Sprites

See the "Sprites" folder for images.

0 - Bouncing Bob - The player.
1 - Bat.
2 - Spider.
3 - Dying Bob.

4 - Extractor fan.
5 - Teleport.
6 - "Frog" enemy - platform horizontal - moving right.
7 - "Frog" enemy - platform horizontal - move left.
8 - Beating heart.
9 - Rotating key - right basement door.
10 - Rotating Key - left basement door.
11 - Rotating key - balcony door.
12 - Rotating key - front door.
13 - Evil bob.

## Text

| 0 | GAME OVER |
| :---: | :---: |
| 1 | The Adventures of Bouncing Bob |
| 2 | Summer Breeze " |
| 3 | * |
| 4 | Find the Boiler Room key. |
| 5 | Find the Air Con Room key. |
| 6 | Find the Balcony key. ${ }^{\prime \prime}$ |
| 7 | Find the Front Door key. |
| 8 | ! |
| 9 | " |
| 10 | [ |
| 11 | " \#2015 retrific.com * |
| 12 | \$ |
| 13 | \% |
| 14 |  |
| 15 | ' |
| 16 | ( |
| 17 | ) |
| 18 | *+ |
| 19 | , |
| 20 | Collect all of the |
| 21 | batteries to cool the |
| 22 | whole house. Look in |
| 23 | the garden maze. |
| 24 | Congratulations. You have |
| 25 | cooled the whole house. |


| 26 | You may have a break |
| :---: | :---: |
| 27 | :<>; = |
| 28 | <>: $=$ ? |
| 29 | >:<?; |
| 30 | ; $=$ ?:< |
| 31 | =?;<> |
| 32 | ?; ${ }^{\text {P }}$ |
| 33 | " |
| 34 | You need to turn off |
| 35 | the boiler first. |
| 36 | The FRONT DOOR key. |
| 37 | The BALCONY key. |
| 38 | The BOILER ROOM key. |
| 39 | The AIR CON ROOM key. |
| 40 | O]Left[ P]Right[ Z]Jump |
| 41 | "'>Press JUMP to start"> |
| 42 | Silly BOB has |
| 43 | lost the keys |
| 44 | to the Boiler |
| 45 | and Air Con |
| 46 | rooms. |
| 47 | It@s summer[ |
| 48 | and it@s hot. |
| 49 | Help BOB find |
| 50 | those keys[ |
|  |  |

Some characters used in the test, above, have been redefined in the character set:
! Smiley face
" Space
\# Copyright symbol
\$ Right key
\% Left key
\& Balcony key

- Front door key
( x battery
) Surprised Bob
*+,- Battery
/ Not used!
:<>;=? Flames
@ Apostrophe (')
[ Comma (,)
] Equals sign (=)

