

## **PART 2: Now let's use Python and Minecraft!**

### **Task 1: Flash RED using Python Script:**

Start Programming => Python 3

File – Open:

/home/pi/CoderDojo/project03/script01.py

To run:

Run Menu & Run module F5

You should see the RED LED flash

To stop running:

Control & C

Close python - File & exit

### **Task 2: Flash RED using Minecraft & Pythron Script:**

Start Minecraft => Games => Minecraft Pi

Start Game

Click on “world”

You should see three doors & three door mats - Red/Yellow/Green

NOTE: Keys to navigate are:

A => Left

Esc => Pause Game

S => Back

Mouse => Look around

D => Right

W => Forward

Press “esc” to pause game & minimise Minecraft (leave it running)

Start Programming => Python 3

File – Open:

/home/pi/CoderDojo/project03/script02.py

To run:

Run Menu & Run module F5

Go back to Minecraft and stand on the RED door mat.

You should see the RED LED flash **ONLY** when you stand on the Red mat.

To stop running:

Control & C

### **Task 3: Make the Red/Yellow/Green lights flash with their colour mats**

Read script02.py that you opened, update it so that it works with the yellow and green door mats. **TIP:** Make sure you “save as” script03.py