





- First you need to connect a keyboard and mouse to the Pi using the USB ports on the Pi.
- You also need to connect the Raspberry Pi to the monitor with an HDMI cable.
- To power the Pi you need to connect a micro usb cord into the Pi in the designated spot then plug the other side into an outlet.

### LED SetUp:

To use LEDs on with the Pi, you will need a breadboard along with resistors, the Pi itself, and of course, the LEDs.

```
import RPi.GPIO as GPIO
import time
GPIO.setmode(GPIO.BOARD)
GPIO.setup(7,GPIO.OUT)
GPIO.setup(11,GPIO.OUT)
GPIO.setup(13,GPIO.OUT)
GPIO.setup(15,GPIO.OUT)
GPIO.output(7,True)
time.sleep(1)
GPIO.output(7,False)
GPIO.output(11,True)
time.sleep(1)
GPIO.output(11,False)
GPIO.output(13,True)
time.sleep(1)
GPIO.output(13,False)
GPIO.output(15,True)
time.sleep(1)
GPIO.output(15,False)
GPIO.cleanup()
```

### LED Lights Wiring:

You will have to connect the pins with the holes in the breadboard using jumpers. Use the six pin to connect resistors to each of the lights. Then use jumpers to connect the breadboard to the GPIO pins on the Pi.







