

**VSB Engineering College, Karur-639111**

**Department of Electronics and Communication Engineering**

**Assignment – 3**

**Name : SOWMYA L R**

**Reg No : 922519106155**

**Domain Name : INTERNET OF THINGS**

**Mentor Name : NANDHINI P**

**Topic : PYTHON CODE FOR BLINKING LED AND  
TRAFFIC LIGHTS FOR RASPBERRY PI**

## **CODING:**

```
import RPi.GPIO as GPIO # Import Raspberry Pi GPIO library
from time import sleep # Import the sleep function from the time
module
GPIO.setwarnings(False) # Ignore warning for now
GPIO.setmode(GPIO.BOARD) # Use physical pin numbering
GPIO.setup(8,GPIO.OUT,initial=GPIO.LOW) # Set pin 8 to be an
output pin and set initial value to be low (off)
While True : # Run forever
GPIO output(8,GPIO.HIGH) # Turn on
Sleep(1) # Sleep for 1 second
GPIO output(8,GPIO.LOW) # Turn off
Sleep(1) # Sleep for 1 second
```