

**V S B ENGINEERING COLLEGE, KARUR**

**Department of Electronics and Communication Engineering**

**IBM NALAIYA THIRAN**

**ASSIGNMENT 3**

**Name :** Balaji B

**Assignment:**

Write python code for blinking LED and Traffic lights for Raspberry pi.

**Code:**

```
import RPi.GPIO as GPIO # Import Raspberry Pi GPIO

libraryfromtimeimportsleep #Import the sleep function from the time module
GPIO.set warnings(False) # Ignore warning for now GPIO.set mode(GPIO.BOARD)

# Use physical pin numbering GPIO.setup(8,GPIO.OUT,initial=GPIO.LOW)#Set pin8
to be an output pin and set initial value to below(off)

WhileTrue:#Runforever

GPIO output(8,GPIO.HIGH) # Turn onSleep(1)#Sleep for 1second GPIO
output(8,GPIO.LOW) # Turn offSleep(1)#Sleep for 1second
```