

ASSIGNMENT 3

WRITE PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHTS FOR RASPBERRY PI.

CODE :

Python Code Blink the LED

```
import RPi.GPIO as GPIO      #import RPi.GPIO module
import time
LED = 40                      #pin no. as per BOARD
GPIO.setwarnings(False)      #disable warnings
GPIO.setmode(GPIO.BOARD)     #set pin numbering format
GPIO.setup(LED, GPIO.OUT)     #set GPIO as output
```

while True:

```
    GPIO.output(LED,GPIO.HIGH)
    time.sleep(1)
    GPIO.output(LED,GPIO.LOW)
    time.sleep(1)
```

OUTPUT :

