

ASSIGNMENT-3

PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHTS FOR RASPBERRY PI

PYTHON CODE FOR LED AND TRAFFIC LIGHT:

```
import RPi.GPIO as GPIO
import time

GPIO.setmode(GPIO.BCM)
GPIO.setwarnings(False)
GPIO.setup(14,GPIO.OUT)

while True:
    # set GPIO14 pin to HIGH
    GPIO.output(14,GPIO.HIGH)
    print "LED is ON"
    # pause for one second
    time.sleep(1)

    # set GPIO14 pin to HIGH
    GPIO.output(14,GPIO.LOW)
    print "LED is OFF"
    # pause for one second
    time.sleep(1)
```