

ASSIGNMENT - 3

Write a python code to blink the LED for traffic light using raspberrypi.

```
import RPi.GPIO as GPIO
import time
GPIO.setmode(GPIO.BCM)
GPIO.setup(5,GPIO.OUT)
GPIO.setup(6,GPIO.OUT)
GPIO.setup(13,GPIO.OUT)
while True:
    GPIO.output(5,GPIO.HIGH)
    time.sleep(2)
    GPIO.output(5,GPIO.LOW)
    time.sleep(2)
    GPIO.output(6,GPIO.HIGH)
    time.sleep(2)
    GPIO.output(6,GPIO.LOW)
    time.sleep(2)
    GPIO.output(13,GPIO.HIGH)
    time.sleep(2)
    GPIO.output(13,GPIO.LOW)
    time.sleep(2)
```