

Mohamed Sathak AJ College Of Engineering

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Assignment 3

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

Blinking LED:

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)
while True:
    GPIO.output(8, GPIO.HIGH) sleep(1)
    GPIO.output(8, GPIO.LOW) sleep(1)
```

Traffic Light:

```
from gpiozero import
LED red = LED(22) amber
= LED(27) green =
LED(17) red.blink(1, 1)
amber.blink(2, 2)
green.blink(3, 3)
```

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