

Assignment Date	Nov 3 2022
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Maximum Mark	2 Mark

## **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)
```