

| | |
|---------------------|-----------------|
| Assignment Date | 11 October 2022 |
| Student Name | S.Divyabharathi |
| Student Roll Number | MECR19EC021 |
| 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)
```