

### Assignment -3

#### Python Programming

Assignment Date	18 October 2022
Student Name	Madhumitha K
Student Roll Number	7179KCTKCTKCTKCTKCT19BEC160
Maximum Marks	2 Marks

Question:

Write a python code for blinking led and traffic lights for  
raspberry pi

Code:

```
import RPi.GPIO as
```

```
GPIO import time
```

```
LED_PIN = 17
```

```
GPIO.setmode(GPIO.BCM)
```

```
GPIO.setup(LED_PIN,
```

```
GPIO.OUT)
```

```
try:
```

```
    while True:
```

```
        GPIO.output(LED_PIN, GPIO.HIGH)
```

```
        time.sleep(1)
```

```
        GPIO.output(LED_PIN,
```

```
        GPIO.LOW)
```

```
        time.sleep(1)
```

```
except
```

```
    KeyboardInterrupt:
```

```
    GPIO.cleanup()
```