

Assignment – 3
Python Programming

Assignment Date	10 October 2022
Student Name	R Thamizharasan
Student Roll Number	422519104046
Maximum Marks	2 Marks

Question:

Write python code for blinking LED and Traffic Lights for Raspberry pi.

Solution:

```
from gpiozero import LED
```

```
import time
```

```
ledblink = LED(11)
```

```
Red = LED(6)
```

```
Yellow = LED(13)
```

```
Green = LED(19)
```

```
while(True):
```

```
# _____ #
```

```
    # led blink
```

```
    ledblink.on()
```

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

```
    ledblink.off()
```

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

```
# _____ #
```

```
    # traffic light
```

```
    Red.on()
```

time.sleep(60)

Red.off()

Yellow.on()

time.sleep(5)

Yellow.off()

Green.on()

time.sleep(60)

Green.off()