

Assignment – 3
Python Programming

Assignment Date	7 October 2022
Student Name	S.Abirami
Student Roll Number	422619106002
Maximum Marks	2 Marks

Question:

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

Only code is enough, no need to execute in raspberry pi.

Solution:

```
from gpiozero import LED import time
```

```
ledblink = LED(11) ## for blinking LED
```

```
Red = LED(6)      ## declaring 6 th pin as Red Yellow =
```

```
LED(13)  ## declaring 13 th pin as Yellow Green
```

```
= LED(19)  ## declaring 19 th pin as Green 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()
```