

Assignment – 3
Python Programming

Assignment Date	7 October 2022
Student Name	R.Aarthy
Student Roll Number	422619106001
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()