

**Assignment – 3**  
Python Programming

Assignment Date	5 October 2022
Student Name	A . Kirubhanithi
Student Roll Number	512719106301
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()