

Assignment – 3
Python Programming

Assignment Date	7 October 2022
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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()