Assignment – 3
Python Programming

Assignment Date	7 October 2022
Student Name	V.Vijayalakshmi
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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:

```python
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()
```