**Assignment – 3**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 7 October 2022 |
| Student Name | M MOHAMED FAHAD |
| Student Roll Number | 92172019102082 |
| 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()