

**Assignment -3**  
**Python Programming**

Assignment Date	26 October 2022
Student Name	Mr.Bharath O
Student Roll Number	113019106007
Maximum Marks	2 Marks

**Question-1:**

Write a program which will find all such numbers Python code for “blinking LED and Traffic lights for Raspberry pi”.

**Solution:**

```
import RPi.GPIO as GPIO
import time
GPIO.setmode(GPIO.BOARD)
GPIO.setup(40, GPIO.OUT)
while True:
    GPIO.output(40,1)
    time.sleep(1)
    GPIO.output(40,0)
    time.sleep(1)
----RPi Led light---
from gpiozero importButton,TrafficLights,Buzzer
from time import sleep
buzzer = Buzzer(15)
button = Button(21)
lights = TrafficLights(25, 8, 7)
while True:
    button.wait_for_press()
    buzzer.on()
    lights.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()
    buzzer.off()
```

# ..... #  
# ..... #

