

Assignment -3
Python Programming

Assignment Date	26 October 2022
Student Name	Mr.Manoj K
Student Roll Number	113019106038
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 import Button,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()
```

```
# .....#
# .....#
```

