

Assignment -3

Assignment Date	06 October 2022
Student Name	Sanjuriya. V
Student Roll Number	73771914164
Maximum Marks	2 Marks

Question-1:

Write python code for blinking LED and Traffic lights for Raspberry pi

Solution:

Code:

```
import time
import RPi.GPIO as GPIO
GPIO.setmode(GPIO.BOARD)
GPIO.setup(11, GPIO.OUT)
while True:
    GPIO.output(11,True)
    time.sleep(1)
    GPIO.output(11,False)
    time.sleep(1)
from gpiozero import Button, TrafficLights, Buzzer
buzzer = Buzzer(15) button = Button(21)
lights = TrafficLights(25, 8, 7)
```

```
while True:
    button.wait_for_press()
    buzzer.on()
    light.green.on() sleep(1)
    lights.amber.on()
    sleep(1) lights.red.on()
    sleep(1)
```

lights.off() buzzer.off()