Assignment -3
Python Programming

Assignment Date	30 September2022
Student Name	G.P.Vishnu prakash
Student Roll Number	910619106068
Maximum Marks	2 Marks

Question-1:

Write Python Code for blinking LED and traffic lights for Raspberry pi(Only python code)

```python
import time

import RPi.GPIO as GPIO

Red,Green,orange = 10,11,12

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BCM)

GPIO.setup(Red, GPIO.OUT)

GPIO.setup(Green, GPIO.OUT)

GPIO.setup(orange, GPIO.OUT)

while True:

    GPIO.output(Red, GPIO.HIGH)

    time.sleep(18)

    GPIO.output(Red, GPIO.LOW)

    GPIO.output(orange, GPIO.HIGH)

    time.sleep(5)

    GPIO.output(orange, GPIO.LOW)

    GPIO.output(Green, GPIO.HIGH)

    time.sleep(18)

    GPIO.output(Green, GPIO.LOW)

    GPIO.output(orange, GPIO.HIGH)

    time.sleep(5)

    GPIO.output(orange, GPIO.LOW)
```