Assignment -3
Python Programming

Assignment Date	03 October 2022
Student Name	M.Balaji
Student Roll Number	920819106008
Maximum Marks	2 Marks

Question-1:

Write a python code for blinking LED and Traffic lights for Raspberry pi, Only python code is enough, no need to execute in raspberry pi.

```python
from gpiozero import LED

from time import sleep

red= LED(17)     #pin numbers connected to Led's

aster=(22)

green=(27)

while True:

red.on()          #RED light

print("Red light is ON")

for i in range(100,0,-1):

print("Remaining time: ",i)

sleep(1)

red.off()

aster.on()          # ASTER light

print("Yellow light is ON")

for i in range(5,0,-1):

print("Remaining time: ",i)

sleep(1)

aster.off()

green.on          #GREEN light

for i in range(30,0,-1):

print("Green light is ON") print("Remaining time: ",i)

sleep(1)

green.off()
```