Assignment -3
Python Programming

Assignment Date	06 October 2022
Student Name	KARTHICK M
Student Roll Number	19BEC4089
Maximum Marks	2 Marks

Question-1:

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

Note: you are allowed to use web search and complete the assignment.

Solution :

```
while True:

    try:

        x = input("Enter value: ")

        stop_light = int(x)

    except ValueError:

        print("Try Again")

    else:

        break


while stop_light <= 30:

    if stop_light >= 1 and stop_light < 10:

        print('Green light')

    elif stop_light < 20:

        print('Yellow light')

    elif stop_light < 30:

        print("Red light")

    stop_light += 1
```

```python
1  while True:
2      try:
3          x = input("Enter value:_")
4          stop_light = int(x)
5      except ValueError:
6          print("Try Again")
7      else:
8          break
9
10 while stop_light <= 30:
11     if stop_light >= 1 and stop_light < 10:
12         print('Green light')
13     elif stop_light < 20:
14         print('Yellow light')
15     elif stop_light < 30:
16         print("Red light")
17     stop_light += 1
```

```
Enter value: 20
Red light
Red light
Red light
Red light
Red light
Red light
Red light
Red light
Red light
Red light
> []
```