Assignment -3
Python Programming

Assignment Date	06 October 2022
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
> ▯