Assignment -3
Python Programming

Assignment Date	30 September 2022
Student Name	G S Veboosita
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Maximum Marks	2 Marks

Question-1:

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

Solution:

```
a=input("Enter Value:")
stop_light=int(a)
while True:
   if stop_light>=1 and stop_light<=10:
print('Green light')
stop_light+=1
elifstop_light<=20:
print('Yellow light')
stop_light+=1
elifstop_light<=30:
print('Red light')
stop_light+=1
   else:
stop_light=0
   break
```

```
main.py                                    Run        Shell

 1  a=input("Enter Value:")                            Enter Value:20
 2  stop_light=int(a)                                  Yellow light
 3 ▾ while True:                                        >|
 4 ▾    if stop_light>=1 and stop_light<=10:
 5        print('Green light')
 6        stop_light+=1
 7 ▾    elif stop_light<=20:
 8        print('Yellow light')
 9        stop_light+=1
10 ▾    elif stop_light<=30:
11         print('Red light')
12         stop_light+=1
13 ▾    else:
14        stop_light=0
15     break
16
```