ASSIGNMENT-3

Python code for blinking LED and Traffic lights for Raspberry pi

Coding:

```
x = input ("Enter value: ")

stop_light = int(x)

while True:

 if stop_light >= 1 and stop_light < 10:

     print ('Green light')

 stop_light += 1

 elif stop_light < 20:

 print ('Yellow light')

 stop_light += 1

 elif stop_light < 30:

 print ("Red light")

 stop_light += 1

 else:

     stop_light = 0

 break
```

Output:

```
Enter value: 1

Green light
```

abc.py - C:/Users/Smile/AppData/Local/Programs/Python/Python310/abc.py (3.10.7)

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

IDLE Shell 3.10.7

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```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep  5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:/Users/Smile/AppData/Local/Programs/Python/Python310/abc.py ====
Enter value: 1
Green light
>>>
```

Submitted by:

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