

Real-Time River Water Quality Monitoring and Control System

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)

File Edit Format Run Options Window Help

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```

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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