Professional Readiness for innovation, Employability and Entrepreneurship

Real-Time River Water Quality Monitoring and control System

ASSIGNMENT-3

Python code for blinking LED and Traffic lights for Rasberry 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_lighy<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
```

akashassignment3.py - C:/Users/My/AppData/Local/Programs/Python/Python310/akashassignment3.py (3.10.7)

File Edit Format Run Options Window Help

```
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
```

Ln: 15 Col: 9

IDLE Shell 3.10.7

File Edit Shell Debug Options Window Help

```
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/My/AppData/Local/Programs/Python/Python310/akashassignment3.py
Enter value: 1
Green light
>>>
```

Ln: 7 Col: 0

Submitted by:

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