Assignment -3

Python programming

| Assignment Date | 30 September 2022 |
|---------------------|---------------------|
| Student Name | Bharathi kannan R S |
| Student Roll Number | 822419106013 |
| Maximum Marks | 2 Marks |

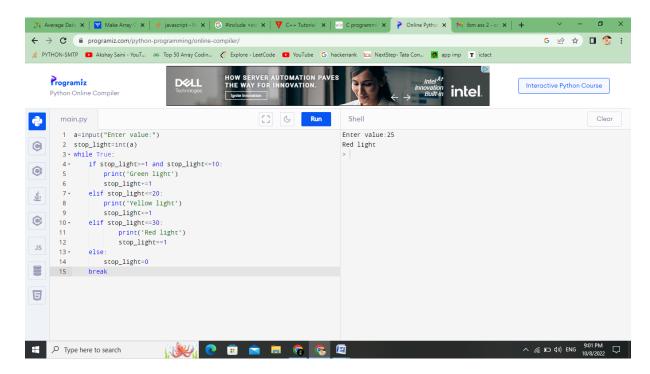
Question-1:

Write Python Code for blinking LED and traffic light 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
    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</pre>
```

output:



```
High temperature is detetcted
Buzzer on, alarm sound is high
High humidity is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
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Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
good humidity
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
```

