## Assignment – 3 Python Programming

Sowmiya N 73151921051 KSR College of Engineering

## Question-1:

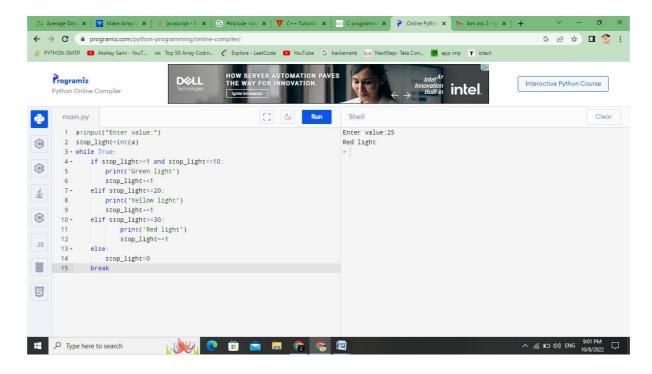
Write Python Code for blinking LED and traffic light for Raspberry pi(Only python code)

## **SOLUTION:**

break

```
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</pre>
```

## output:



```
High temperature is detected
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 model 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 model is high
Buzzer on,alarm sound is high
High model 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
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
```

