

SMART SOLUTION FOR RAILWAYS

ASSIGNMENT 3

```
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:
```

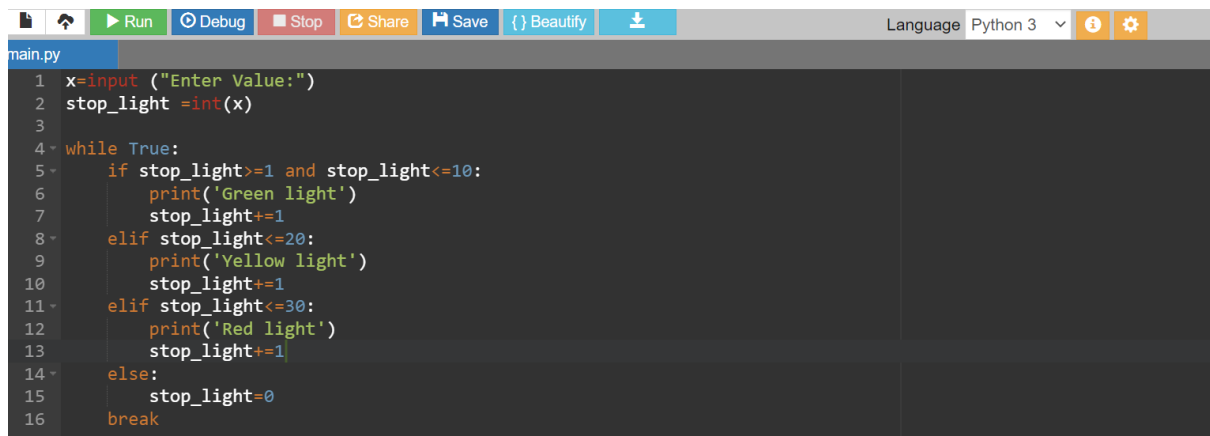
```
        print('Red light')
```

```
        stop_light+=1
```

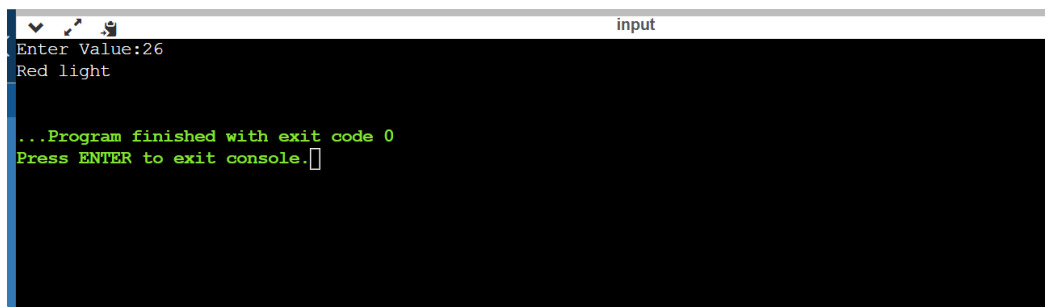
```
    else:
```

```
        stop_light=0
```

```
    break
```

A screenshot of a Python IDE interface. The top toolbar includes icons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. The language is set to Python 3. The code editor shows the following Python code:

```
1 x=input ("Enter Value:")
2 stop_light =int(x)
3
4 while True:
5     if stop_light>=1 and stop_light<=10:
6         print('Green light')
7         stop_light+=1
8     elif stop_light<=20:
9         print('Yellow light')
10        stop_light+=1
11    elif stop_light<=30:
12        print('Red light')
13        stop_light+=1
14    else:
15        stop_light=0
16    break
```



```
input
Enter Value:26
Red light

...Program finished with exit code 0
Press ENTER to exit console.
```