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Question :-

Write Python Code for Blinking Led and Traffic Light for Raspberry Pi ?

Note :

Without using raspberry pi (Only Code is Enough)

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Program :-

#Code By Vishnu Kumar N (Reg No :- 822719104054)

#Project : Real Time River Water Quality Management

class light:

def __init__(self,color):

self.a = color

def glow(self):

print(self.a)

Red = light("red wait !!! ")

Yellow = light("Just a Minute . . . ")

Green = light("Lets GO :)")

print("Note :(Case sensitive) Red - R , Blue - B , Green - G")

while(True):

signal = input("Enter The Color of Light : ")

if (signal == "R"):

Red.glow() #Red light is ON

elif(signal == "Y"):

```
Yellow.glow() #Yellow light is ON

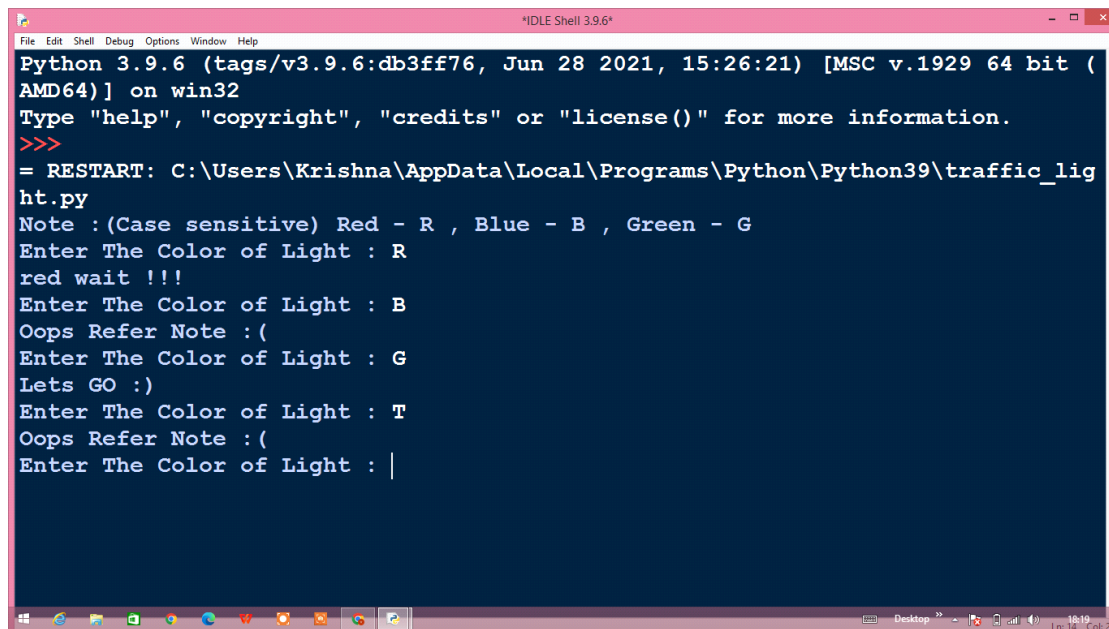
elif(signal == "G"):

    Green.glow()  #Green light is ON

else:

    print("Oops Refer Note :(")
```

Output :-



The screenshot shows a Windows desktop with a taskbar at the bottom. The main window is titled "IDLE Shell 3.9.6" and contains the following text:

```
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Krishna\AppData\Local\Programs\Python\Python39\traffic_light.py
Note :(Case sensitive) Red - R , Blue - B , Green - G
Enter The Color of Light : R
red wait !!!
Enter The Color of Light : B
Oops Refer Note :(
Enter The Color of Light : G
Lets GO :)
Enter The Color of Light : T
Oops Refer Note :(
Enter The Color of Light : |
```

