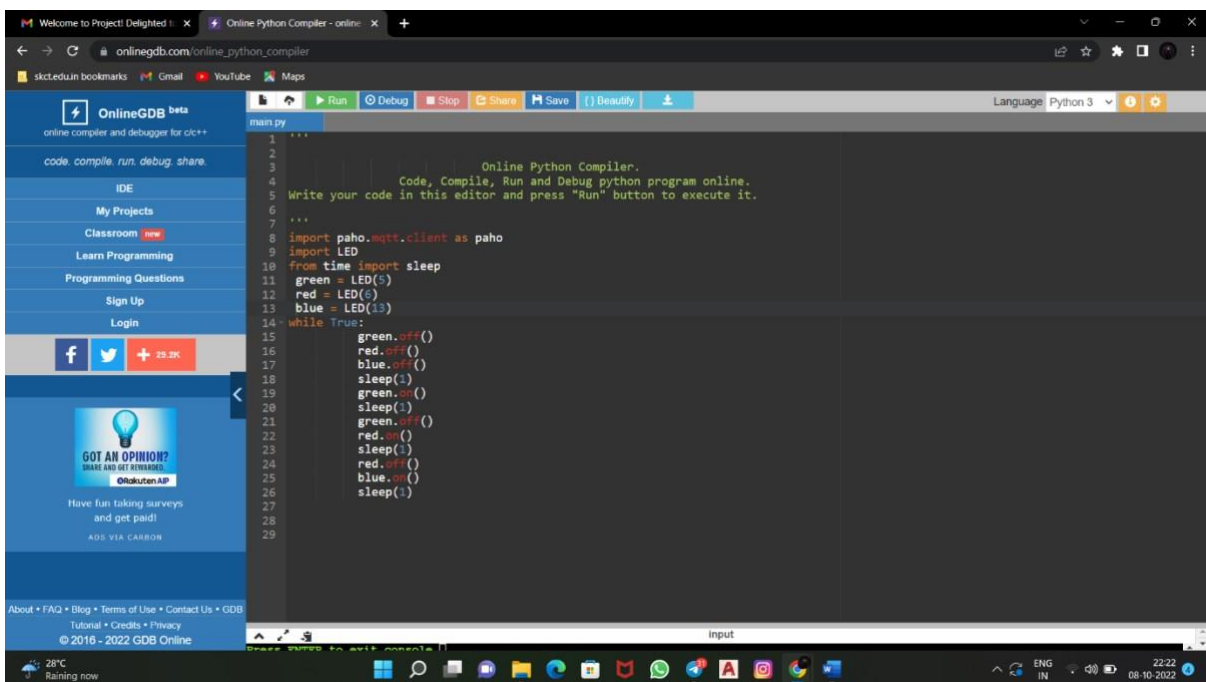


# PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHT FOR RASPBERRY PI

## ASSIGNMENT – III

### CODE:

```
import paho.mqtt.client as
paho import LED from time
import sleep green = LED(5) red
= LED(6) blue = LED(13) while
True: green.off() red.off()
blue.off() sleep(1) green.on()
sleep(1) green.off() red.on()
sleep(1) red.off() blue.on()
sleep(1)
```



The screenshot shows a web browser window with the Online Python Compiler interface. The left sidebar contains navigation links like 'OnlineGDB beta', 'My Projects', 'Classroom', 'Learn Programming', 'Programming Questions', 'Sign Up', and 'Login'. The main editor area displays the Python code for blinking LEDs. The code is as follows:

```
1 ...
2
3 Online Python Compiler.
4 Code, Compile, Run and Debug python program online.
5 Write your code in this editor and press "Run" button to execute it.
6 ...
7
8 import paho.mqtt.client as paho
9 import LED
10 from time import sleep
11 green = LED(5)
12 red = LED(6)
13 blue = LED(13)
14 while True:
15     green.off()
16     red.off()
17     blue.off()
18     sleep(1)
19     green.on()
20     sleep(1)
21     green.off()
22     red.on()
23     sleep(1)
24     red.off()
25     blue.on()
26     sleep(1)
27
28
29
```

The bottom of the browser shows the Windows taskbar with various application icons and the system clock indicating 22:22 on 08-10-2022.

