

## Assignment -2

Assignment Date	27 September 2022
Student Name	S.Priyadarshini
Student Roll Number	111519106123
Maximum Marks	2 Marks

### Question-1:

Write a python code to monitor the room temperature and buzzer when the temperature exceeds above 60 degree Celsius .



The screenshot shows the OnlineGDB beta IDE interface. The left sidebar contains navigation links: IDE, My Projects, Classroom (marked as new), Learn Programming, Programming Questions, Sign Up, and Login. Below these are social media icons for Facebook, Twitter, and a '+ 29K' button. The main editor area displays a Python script named 'main.py' with the following code:

```
10 #Assuming the range of temperature 23 Celsius to 40 Celsius
11 #If temperature is above 33 Celsius consider high temperature
12 import random
13 Temp=random.randint(23,40)
14 print("Temperature=",end=" ")
15 print(Temp)
16 if Temp>33:
17     print("High Temperature Buzzer On")
18     print("BUZZER SOUND ON")
19 else:
20     print("Normal Temperature")
21     print("NO BUZZER")
22
23 Diff=random.randint(3,8)
24 Dew_point=Temp-Diff
25 print("Dew Point=",end=" ")
26 print(Dew_point)
27
28 relv_hum=100*(2.7182*(17.625*Dew_point/(243.04+Dew_point)))/(2.7182*(17.625*Temp/(243.04+Temp)))
29 print("Relative Humidity =",end=" ")
30 print(relv_hum)
31
```

The bottom of the interface shows an 'Input' field.

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code, compile, run, debug, share.

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main.py

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Language Python 3  

Input