

ASSIGNMENT-2

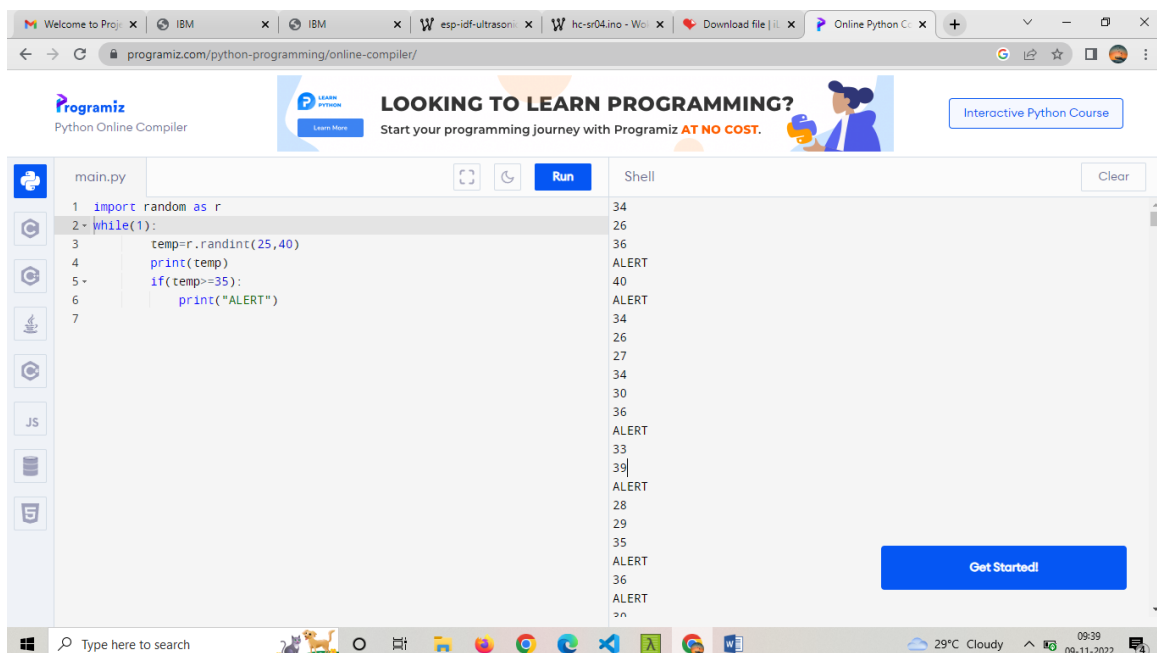
Team ID	PNT2022TMID13299
Project Name	Gas Leakage Monitoring and Alerting System

PYTHON CODE FOR TEMPERATURE AND HUMIDITY VALUES

Program:

```
import random as r
while(1):
    temp = r.randint(25,40)
    print(temp)
    if(temp >= 35):
        print("ALERT")
```

Output:



The screenshot displays the Programiz Python Online Compiler interface. The code editor on the left contains the following Python code:

```
1 import random as r
2 while(1):
3     temp=r.randint(25,40)
4     print(temp)
5     if(temp>=35):
6         print("ALERT")
7
```

The output shell on the right shows the results of the program's execution, displaying random temperature values and "ALERT" messages when the temperature is 35 or higher:

```
34
26
36
ALERT
40
ALERT
34
26
27
34
30
36
ALERT
33
39
ALERT
28
29
35
ALERT
36
ALERT
34
```

The interface also includes a "Run" button, a "Clear" button, and a "Get Started!" button. The browser's address bar shows the URL "programiz.com/python-programming/online-compiler/".