

ASSIGNMENT-2

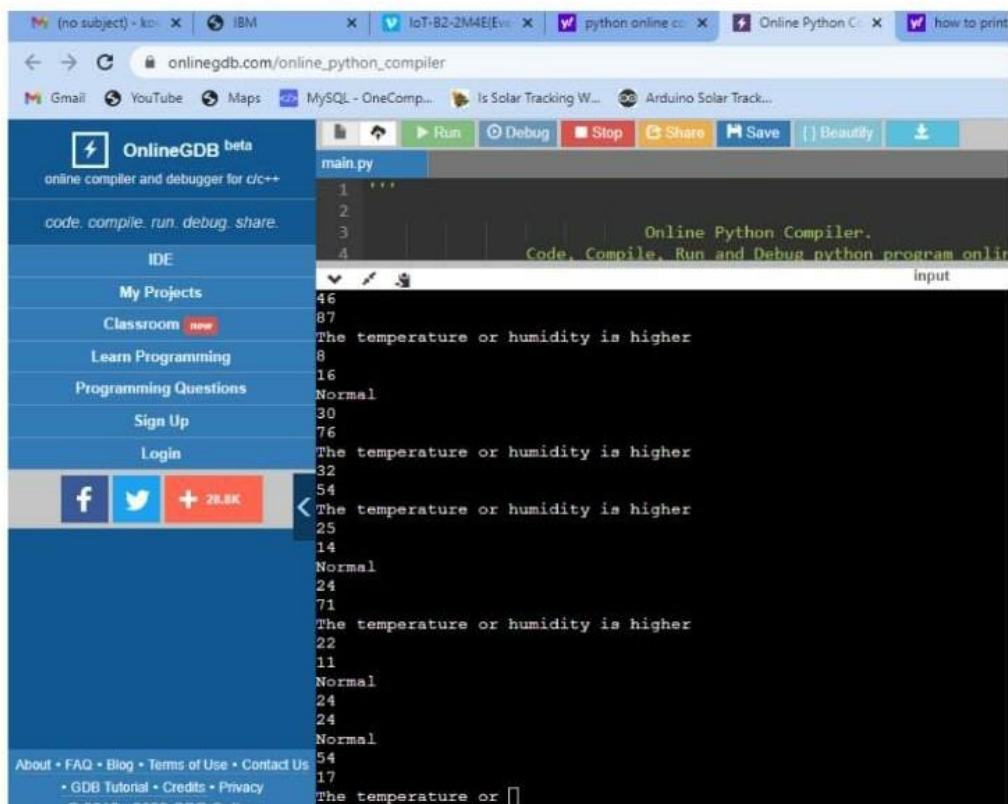
TEAMID	PNT2022TMID17666
PROJECTNAME	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION
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Build a python code. Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

program:

```
import random
temp=random.randint(0,100)
humid=random.randint(0,100)
print("Note: ")
print("Normal Temperature Level is 50°C")
print("Normal Humidity Level is 50%")
print(" ")
if(temp>=50):
    print("Temperature is High",temp,"°C")
else:
    print("Temperature is Normal",temp,"°C")
if(humid>=50):
    print("Humidity is High",humid,"%")
else:
```

RESULT:



The screenshot shows the OnlineGDB website interface. The left sidebar contains navigation links: IDE, My Projects, Classroom, Learn Programming, Programming Questions, Sign Up, and Login. The main area displays a Python code editor with a file named 'main.py'. The code contains a loop that prints 'The temperature or humidity is higher' and 'Normal'. The output window on the right shows the execution results, including the printed messages and line numbers. The output is as follows:

```
46  
87  
The temperature or humidity is higher  
8  
16  
Normal  
30  
76  
The temperature or humidity is higher  
32  
54  
<The temperature or humidity is higher  
25  
14  
Normal  
24  
71  
The temperature or humidity is higher  
22  
11  
Normal  
24  
24  
Normal  
54  
17  
The temperature or
```

print("HumidityisNormal",humid,"%")