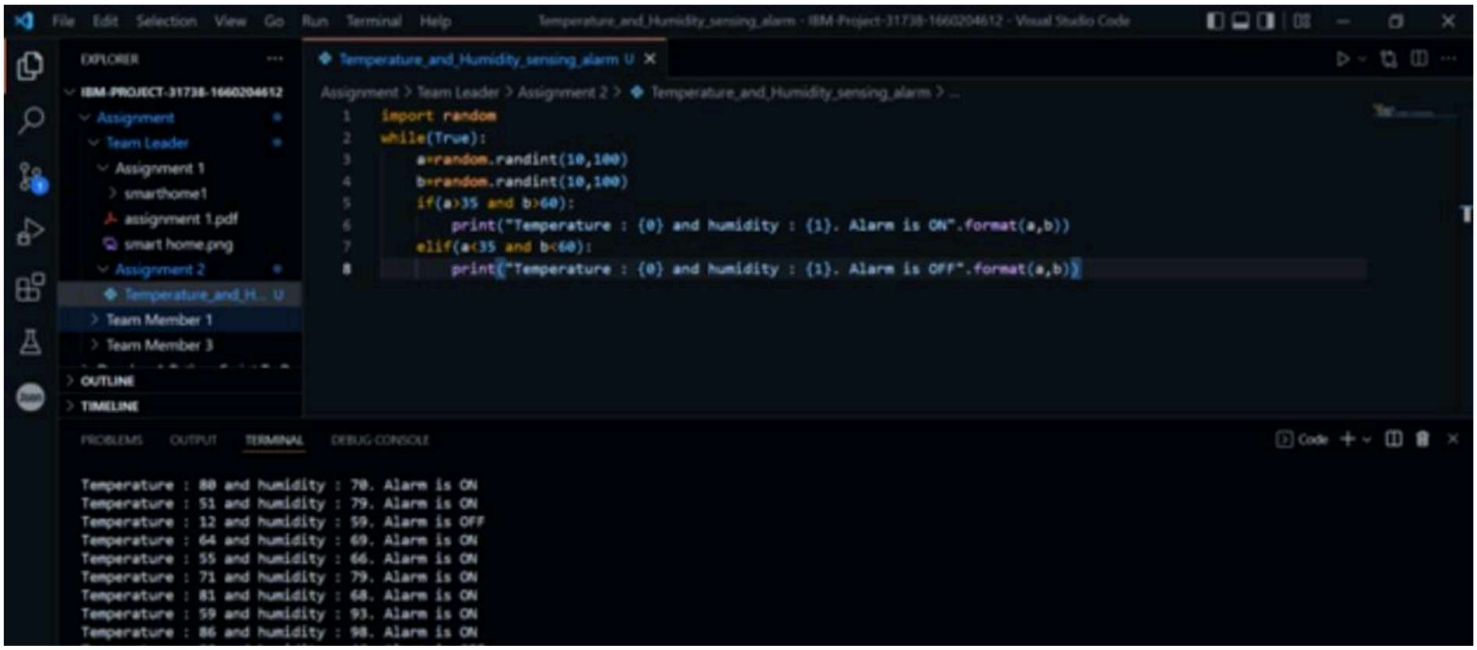
Assignment 2 :

Build a python code, Assume you 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.

Code :

```
import random
 while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b>60):
        print("Temperature : {0} and humidity : {1}. Alarm is ON".format(a,
b))
    elif(a<35 and b<60):
        print("Temperature : {0} and humidity : {1}. Alarm is OFF".format(a
,b)
```

Image:


File Edit Selection View Go Run Terminal Help
Temperature_and_Humidity_sensing_alarm - IBM-Project-31738-1660204612 - Visual Studio Code
EXPLORER
IBM-PROJECT-31738-1660204612
Assignment
Team Leader
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Assignment > Team Leader > Assignment 2 > Temperature_and_Humidity_sensing_alarm > ...
1 import random
2 while(True):
3 a=random.randint(10,100)
4 b=random.randint(10,100)
5 if(a>35 and b>60):
6 print("Temperature : {0} and humidity : {1}. Alarm is ON".format(a,b))
7 elif(a<35 and b<60):
8 print("Temperature : {0} and humidity : {1}. Alarm is OFF".format(a,b))
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Code
Temperature : 80 and humidity : 70. Alarm is ON
Temperature : 51 and humidity : 79. Alarm is ON
Temperature : 12 and humidity : 59. Alarm is OFF
Temperature : 64 and humidity : 69. Alarm is ON
Temperature : 55 and humidity : 66. Alarm is ON
Temperature : 71 and humidity : 79. Alarm is ON
Temperature : 81 and humidity : 68. Alarm is ON
Temperature : 59 and humidity : 93. Alarm is ON
Temperature : 86 and humidity : 98. Alarm is ON