

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.

CODING:

```
import random
temp1=random.sample(range(30,60),1)
print(temp1)
temp2=random.sample(range(40,70),1)
print(temp2)
if(temp1>=[50]):
    print("Temperature is High")
else:
    print("Normal")
if(temp2>=[45]):
    print("Humidity is High")
else:
    print("Normal")
```

IBM-Project-31881-1660205824 Online Python Compiler - online

onlinegdb.com/online_python_compiler

OnlineGDB beta
online compiler and debugger for c/c++

code. compile. run. debug. share.

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main.py

```
1 import random
2 temp1=random.sample(range(30,60),1)
3 print(temp1)
4 temp2=random.sample(range(40,70),1)
5 print(temp2)
6 if(temp1>=[50]):
7     print("Temperature is High")
8 else:
9     print("Normal")
10 if(temp2>=[45]):
11     print("Humidity is High")
12 else:
13     print("Normal")
```

input

```
[50]
[52]
Temperature is High
Humidity is High

...Program finished with exit code 0
Press ENTER to exit console.
```

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