

## ASSIGNMENT 2

Project Name	SmartFarmer – IoT Enabled Smart Farming Application
Team ID	PNT2022TMID06004

### QUESTION

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.

### CODE

```
import random while(True):
```

```
    a=random.randint(10,100)
```

```
    b=random.randint(10,100)    if(a>38
```

```
and b>75):
```

```
        print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")
```

```
elif(a<38 and b<75):
```

```
        print("Normal Temperature and Humidity of:",a,b,"%","Alarm is OFF")
```

```
break
```

### OUTPUT

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

code, compile, run, debug, share.

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main.py

code ibm

```
1 import random
2 while(True):
3     a=random.randint(10,100)
4     b=random.randint(10,100)
5     if(a>38 and b>75):
6         print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")
7     elif(a<38 and b<75):
8         print("Nomal Temperature and Humidity of:",a,b,"%","Alarm is OFF")
9         break
```

input

High Temperature and Humidity of: 99 83 % Alarm is ON  
High Temperature and Humidity of: 51 85 % Alarm is ON  
High Temperature and Humidity of: 33 33 % Alarm is OFF  
...Program finished with exit code 0  
Press ENTER to exit console.


code ibm (1)

code ibm

main.py

Show all

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32°C Haze 21:51 24-09-2022