

ASSIGNMENT – II

DOMAIN: Internet Of Things

PROJECT TITLE: Smart Farmer – IOT Enabled Smart Farming Application

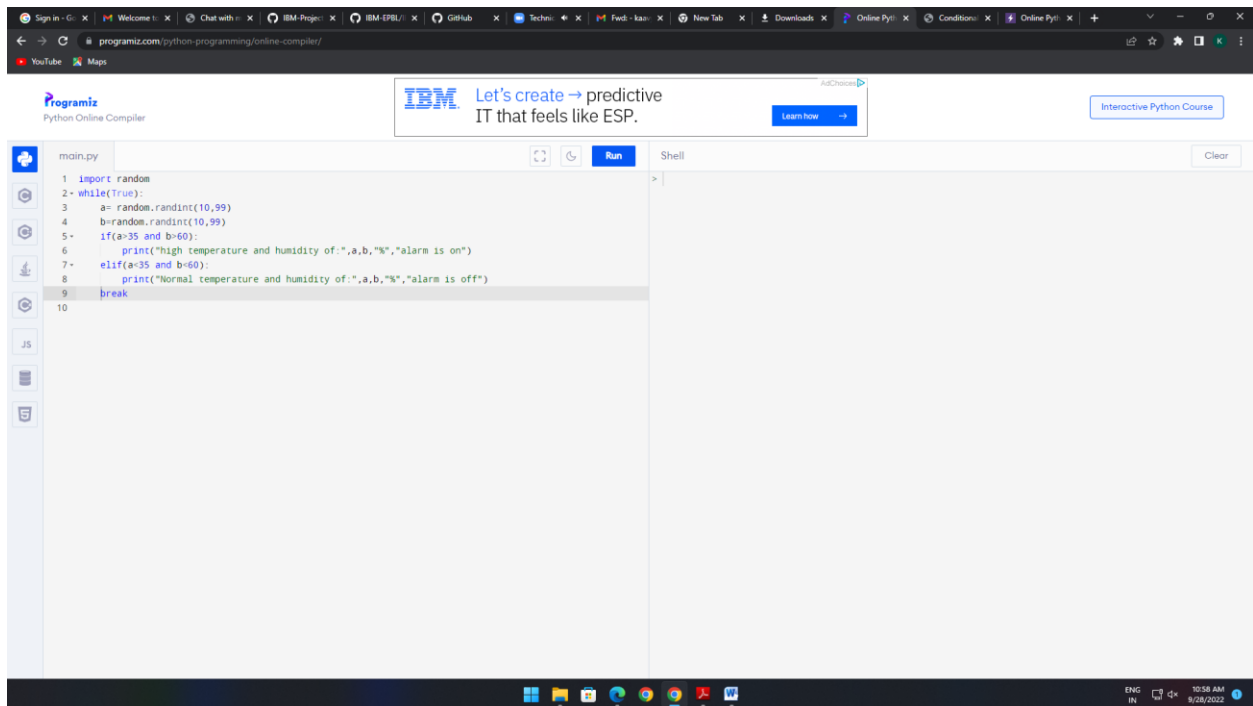
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ASSIGNMENT TITLE:

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(10,99)
b=random.randint(10,99)
if(a>35 and b>60):
print("high temperature and humidity of:",a,b,"% ","alarm is on")
elif(a<35 and b<60):
print("Normal temperature and humidity of:",a,b,"% ","alarm is off")
break
```



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main.py

1 import random

2 while(True):

3 a= random.randint(10,99)

4 b=random.randint(10,99)

5 if(a>35 and b<60):

6 print("high temperature and humidity of: ",a,b,"%","alarm is on")

7 elif(a<35 and b>60):

8 print("Normal temperature and humidity of: ",a,b,"%","alarm is off")

9 break

10

Run

Shell

Clear

high temperature and humidity of: 63 66 % alarm is on
> |

JS

ENG IN

10:58 AM

8/28/2022