ASSIGNMENT NO-2

Project Name: IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

Batch Number: B5-51ME

Assignment Topic : Assignment on temperature and humidity sensing and alarm automation using python

Team members

Team Leader: m.parkavi
Team member1:R.nivetha
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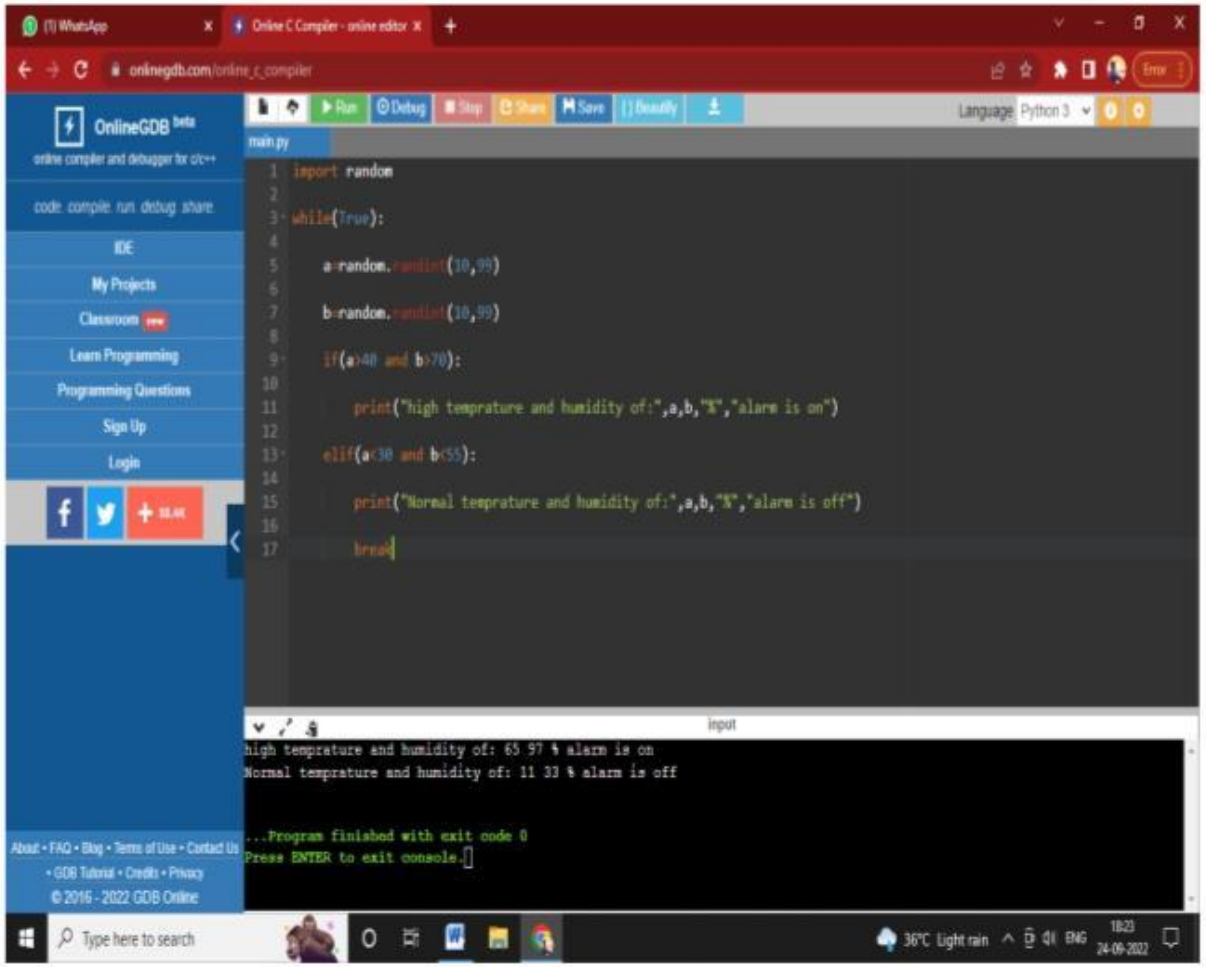
Code:

```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>40 and b>70):
        print("high temprature and humidity of:",a,b,"%","alarm is on")
    elif(a<30 and b<55):
        print("Normal temprature and humidity of:",a,b,"%","alarm is off")
        break
```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Language Python 3
main.py
import random
while(True):
a=random.randint(10,99)
b=random.randint(10,99)
if(a>40 and b>70):
print("high temprature and humidity of:",a,b,"%","alarm is on")
elif(a<30 and b<55):
print("Normal temprature and humidity of:",a,b,"%","alarm is off")
break
input
high temprature and humidity of: 65 97 % alarm is on
Normal temprature and humidity of: 11 33 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.
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