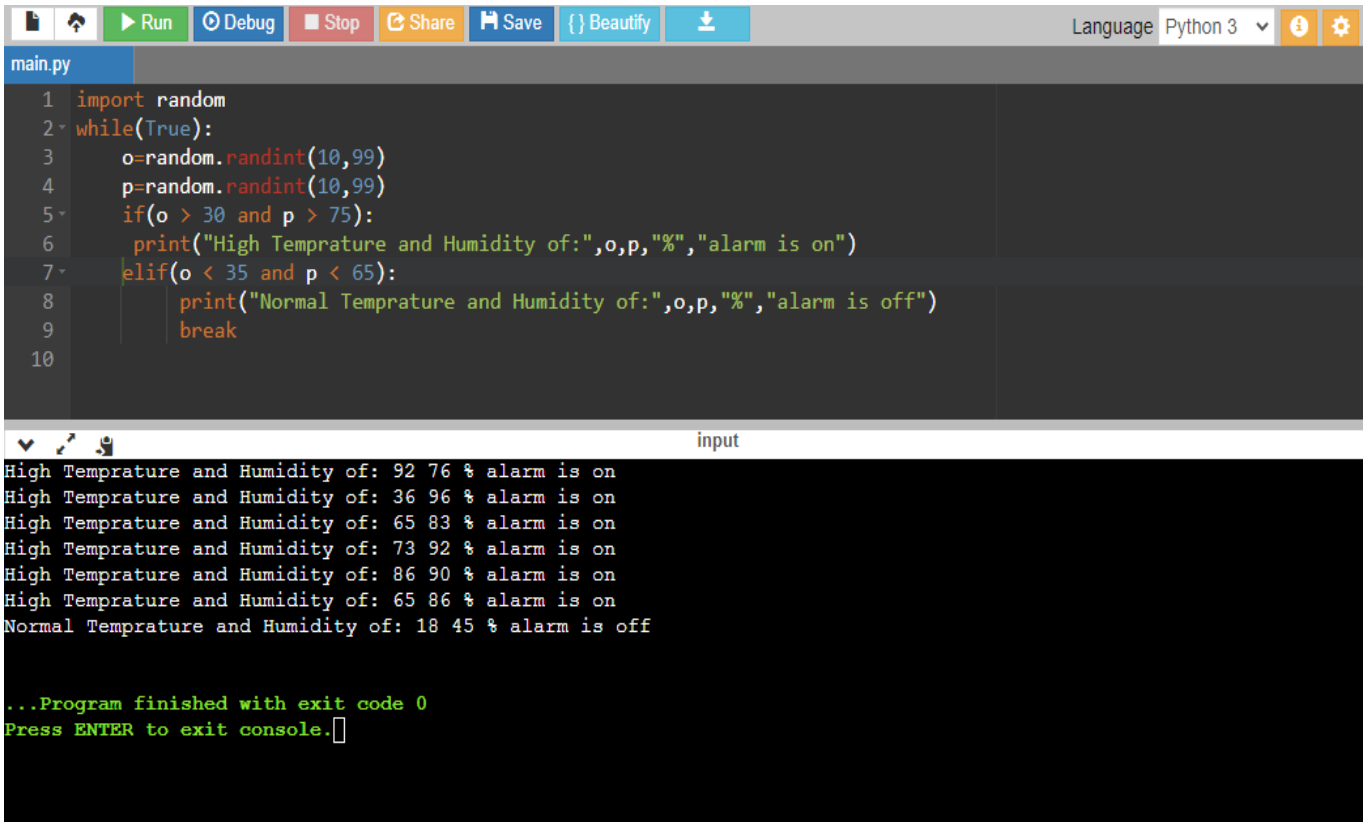
IOT Assignment

Topic : Tmperature and Humidity sensing and alarm automation using python

Code:

```
import random
while(True):
    o=random.randint(10,99)
    p=random.randint(10,99)
    if(o > 30 and p > 75):
        print("High Temprature and Humidity of:",o,p,"%","alarm is on")
   elif(o < 35 and p < 65):
        print("Normal Temprature and Humidity of:",o,p,"%","alarm is off")
        break
```

OUTPUT:


Run
Debug
Stop
Share
Save
{} Beautify
Language
Python 3
main.py
import random
while(True):
o=random.randint(10,99)
p=random.randint(10,99)
if(o > 30 and p > 75):
print("High Temprature and Humidity of:",o,p,"%","alarm is on")
elif(o < 35 and p < 65):
print("Normal Temprature and Humidity of:",o,p,"%","alarm is off")
break
input
High Temprature and Humidity of: 92 76 % alarm is on
High Temprature and Humidity of: 36 96 % alarm is on
High Temprature and Humidity of: 65 83 % alarm is on
High Temprature and Humidity of: 73 92 % alarm is on
High Temprature and Humidity of: 86 90 % alarm is on
High Temprature and Humidity of: 65 86 % alarm is on
Normal Temprature and Humidity of: 18 45 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.