IBM-NALAYATHIRAN

ASSIGNMENT-2

Temperature and humidity sensing alarm automation using Python

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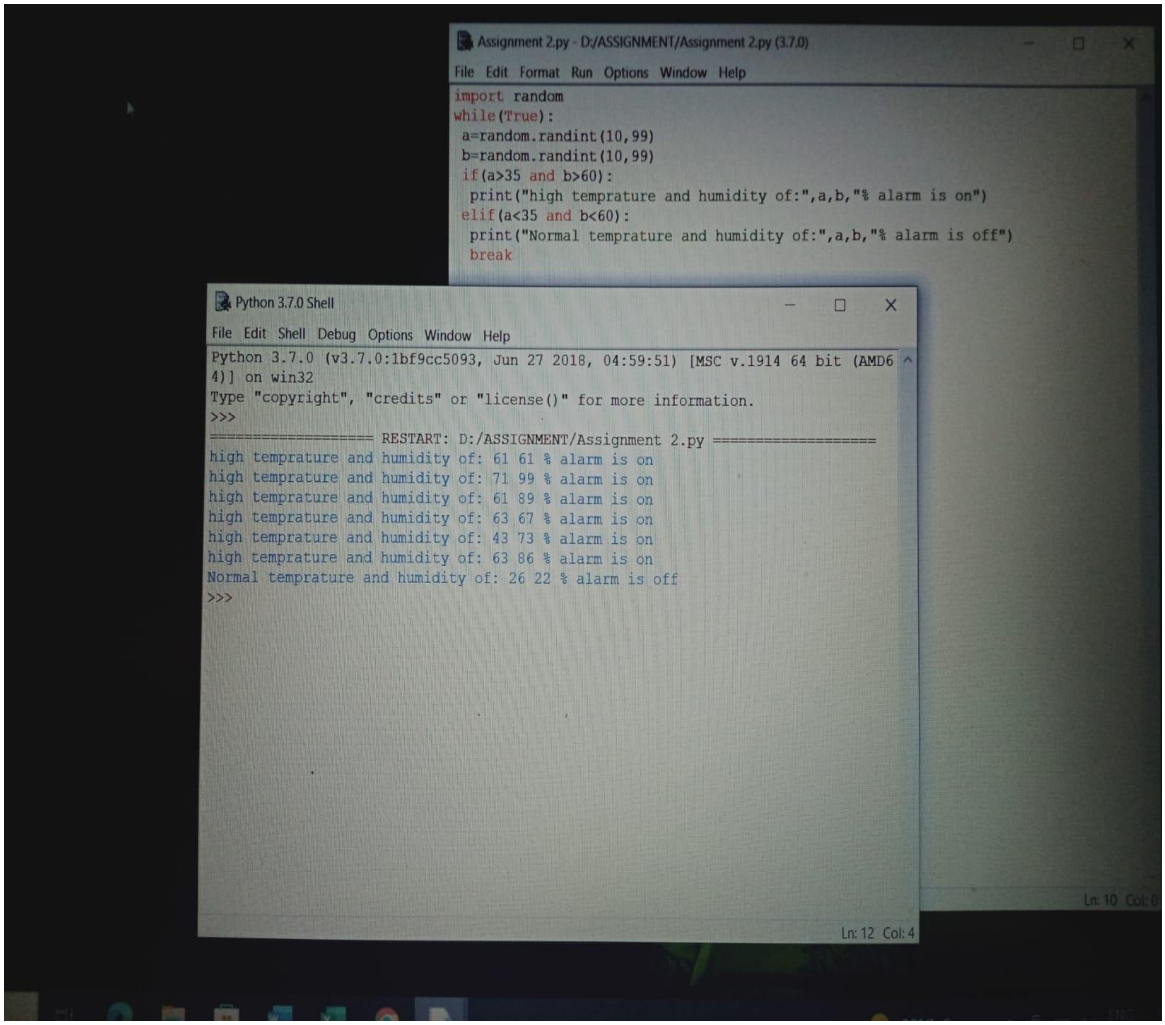
Batch no: B4-4M6E

CODE:

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


Assignment 2.py - D:/ASSIGNMENT/Assignment 2.py (3.7.0)
File Edit Format Run Options Window Help
import random
while(True):
a=random.randint(10,99)
b=random.randint(10,99)
if(a>35 and b>60):
print("high temprature and humidity of:",a,b,"% alarm is on")
elif(a<35 and b<60):
print("Normal temprature and humidity of:",a,b,"% alarm is off")
break
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: D:/ASSIGNMENT/Assignment 2.py ==========
high temprature and humidity of: 61 61 % alarm is on
high temprature and humidity of: 71 99 % alarm is on
high temprature and humidity of: 61 89 % alarm is on
high temprature and humidity of: 63 67 % alarm is on
high temprature and humidity of: 43 73 % alarm is on
high temprature and humidity of: 63 86 % alarm is on
Normal temprature and humidity of: 26 22 % alarm is off
>>>
Ln: 12 Col: 4
Ln: 10