IBM ASSIGNMENT 2

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

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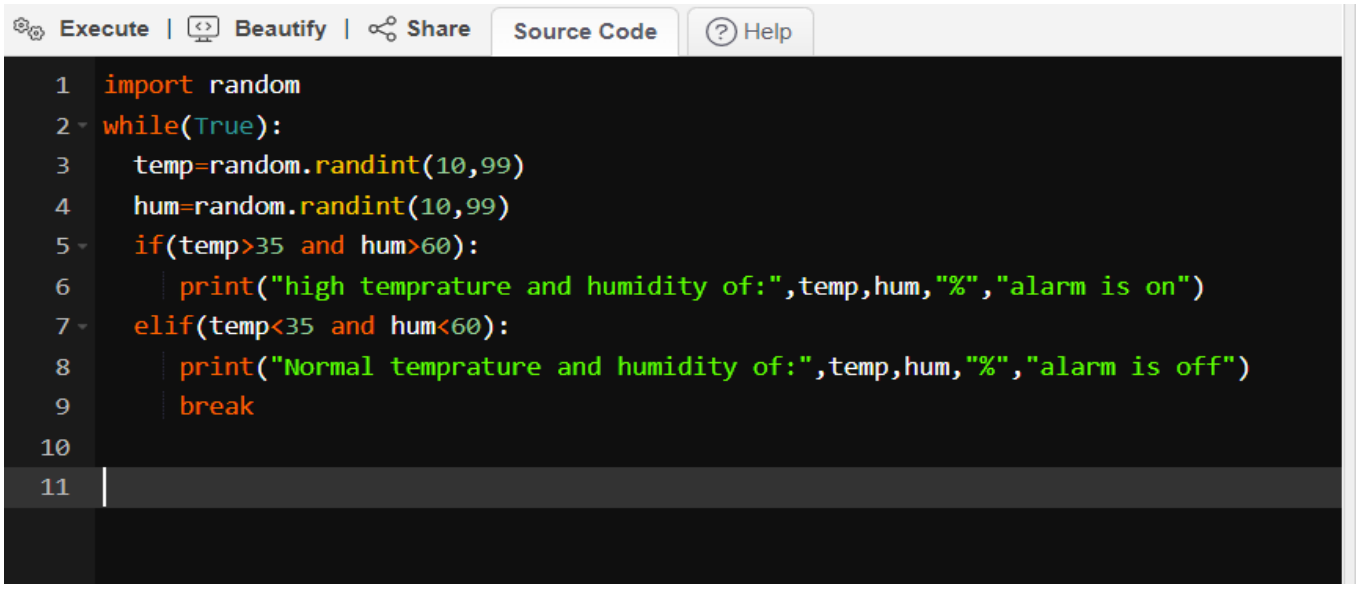
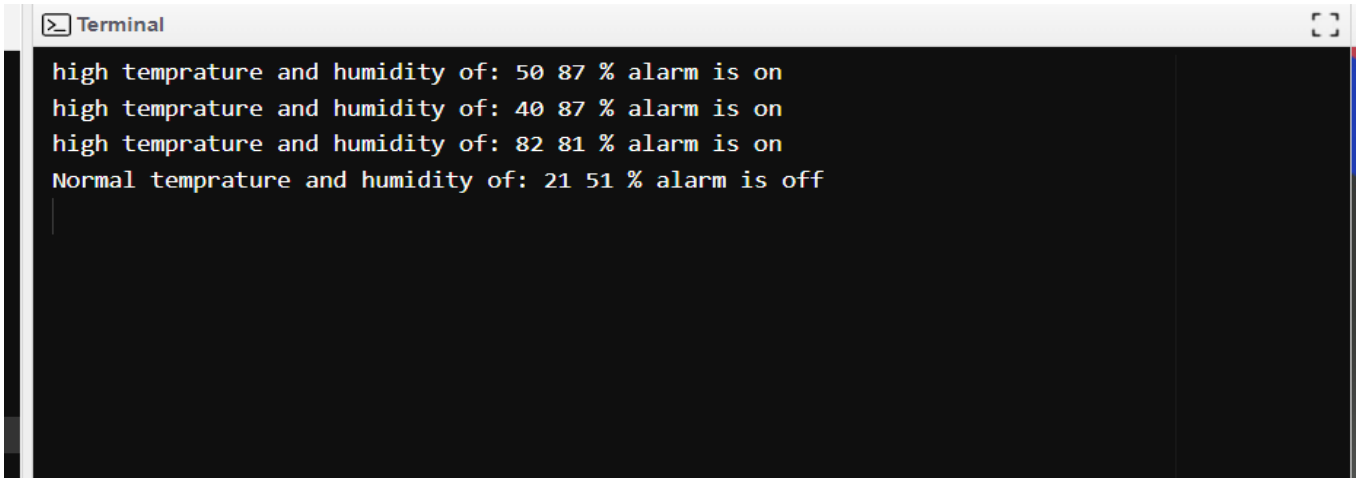
SOURCE CODE:

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

OUTPUT:


Execute | Beautify | Share
Source Code
Help
1 import random
2 while(True):
3 temp=random.randint(10,99)
4 hum=random.randint(10,99)
5 if(temp>35 and hum>60):
6 print("high temprature and humidity of:",temp,hum,"%","alarm is on")
7 elif(temp<35 and hum<60):
8 print("Normal temprature and humidity of:",temp,hum,"%","alarm is off")
9 break
10
11


Terminal
high temprature and humidity of: 50 87 % alarm is on
high temprature and humidity of: 40 87 % alarm is on
high temprature and humidity of: 82 81 % alarm is on
Normal temprature and humidity of: 21 51 % alarm is off