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ASSIGNMENT 2

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

PROGRAM:

import random

while(True):

a=random.randint(10,99)

b=random.randint(10,99)

if(a>35 and b>60):

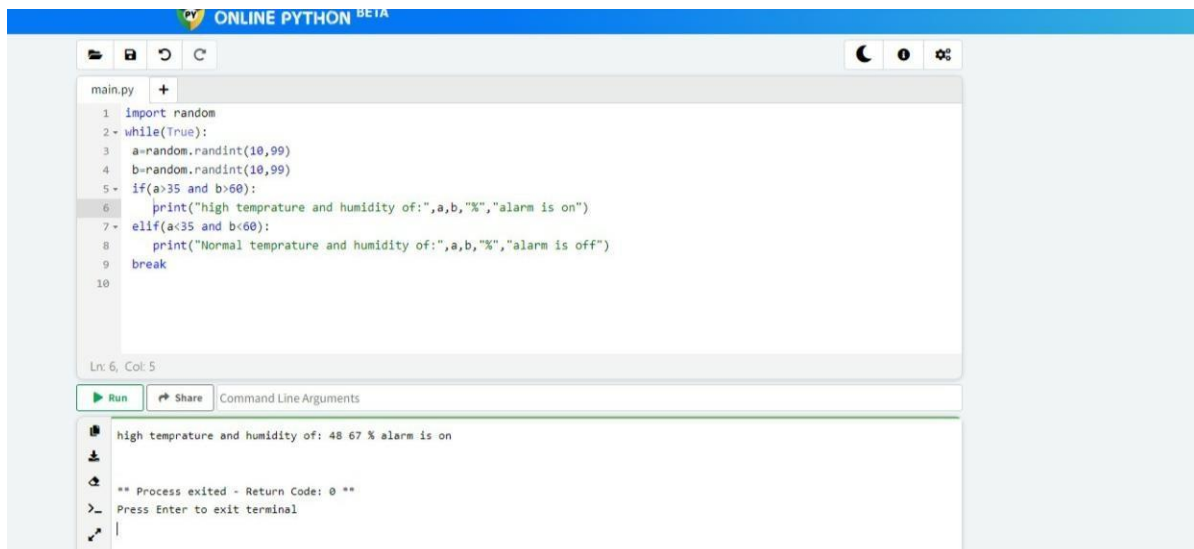
print("high temprature and humidity of:",a,b,"%","alarm is on")

elif(a<35 and b<60):

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

break

OUTPUT:



The screenshot shows an online Python IDE interface. The code editor contains the following Python code:

```

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 temprature and humidity of:",a,b,"%","alarm is on")
7     elif(a<35 and b<60):
8         print("Normal temprature and humidity of:",a,b,"%","alarm is off")
9     break
10

```

The output window shows the result of running the code:

```

high temprature and humidity of: 48 67 % alarm is on

** Process exited - Return Code: 0 **
Press Enter to exit terminal

```