ASSIGNMENT-2

MAHENDRA ENGINEERING COLLEGE FOR WOMEN

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CLASS:IV CSE

SUBJECT:IBM

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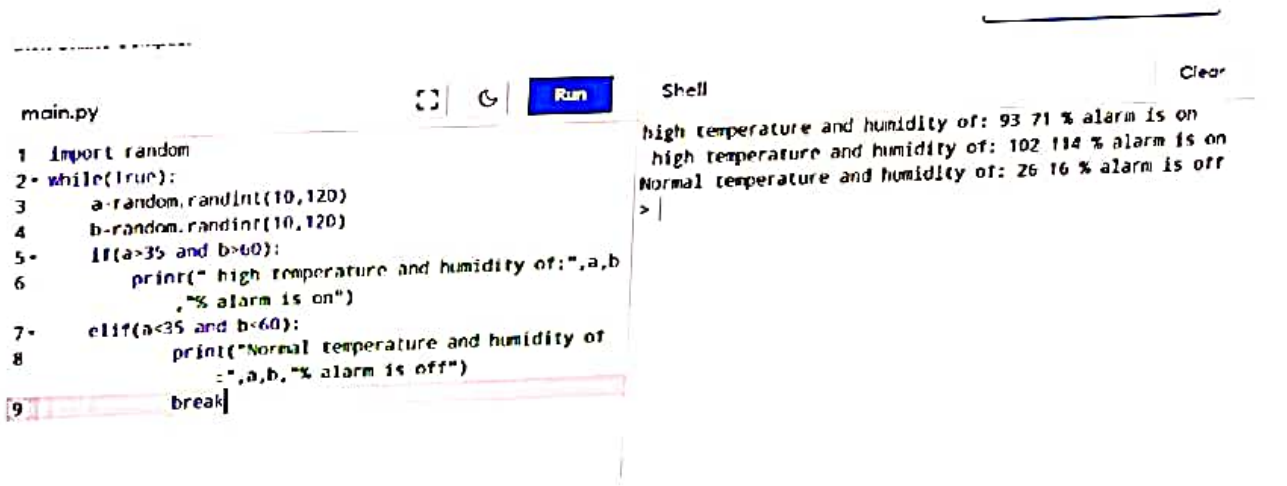
Build a python code, assume that temperature and humidity values generated with random function to a variable and write a condition to continuously detect alarm in case of high temperature.

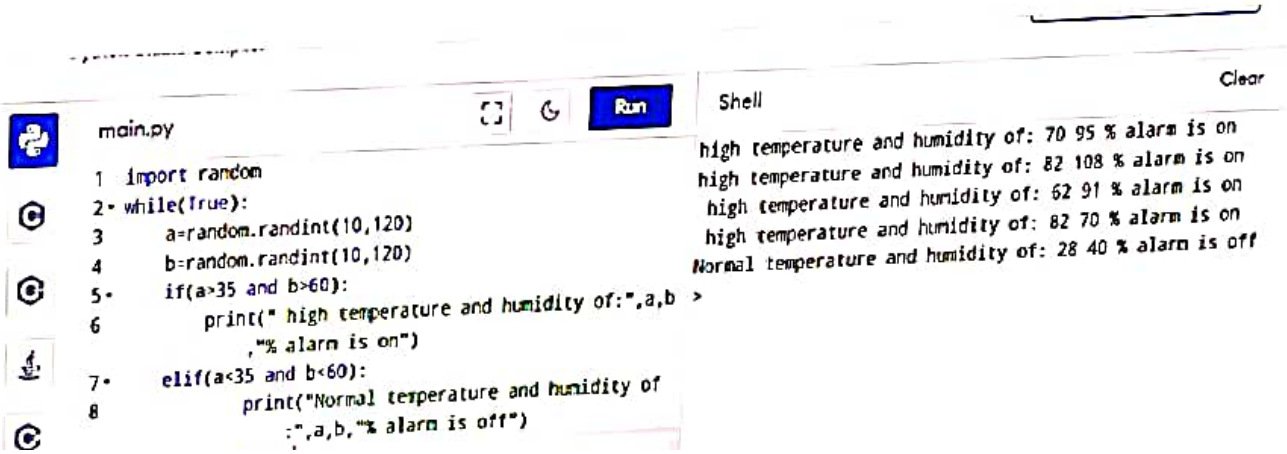
```
import random
while(True):
  a=random.randint(10,120)
  b=random.randint(10,120)
  if(a>35 and b>60):
    print(" high temperature and humidity
of:",a,b,"% alarm is on")
  elif(a<35 and b<60):
    print("Normal temperature and humidity
```

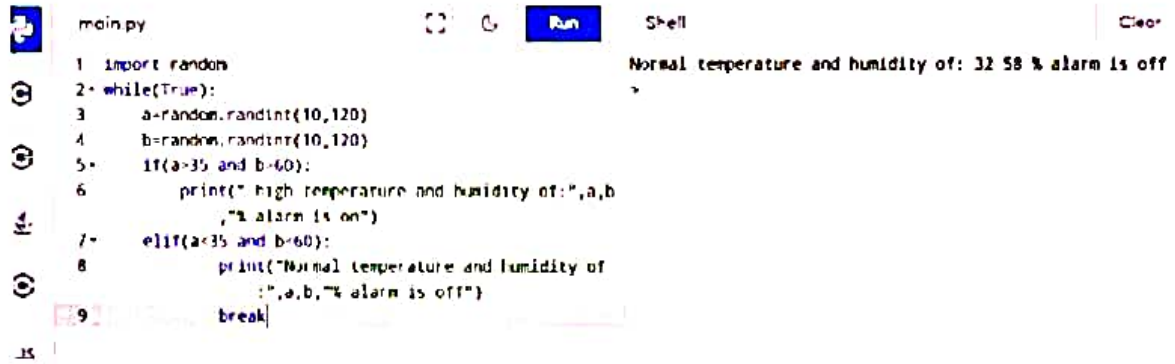
of:",a,b,"% alarm is of f")

break

OUTPUT:






main.py
Run
Shell
Clear
1 import random
2 while(True):
3 a=random.randint(10,120)
4 b=random.randint(10,120)
5 if(a>35 and b>60):
6 print(" high reeperature and humidity of:",a,b
,"% alarm is on")
7 elif(a<35 and b<60):
8 print("Normal temperature and humidity of
:",a,b,"% alarm is off")
9 break
Normal temperature and humidity of: 32 58 % alarm is off
>