ASSIGNMENT-2

MAHENDRA ENGINEERING COLLEGE FOR WOMEN

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CLASS:4 th YEAR ECE

SUBJECT: IBM

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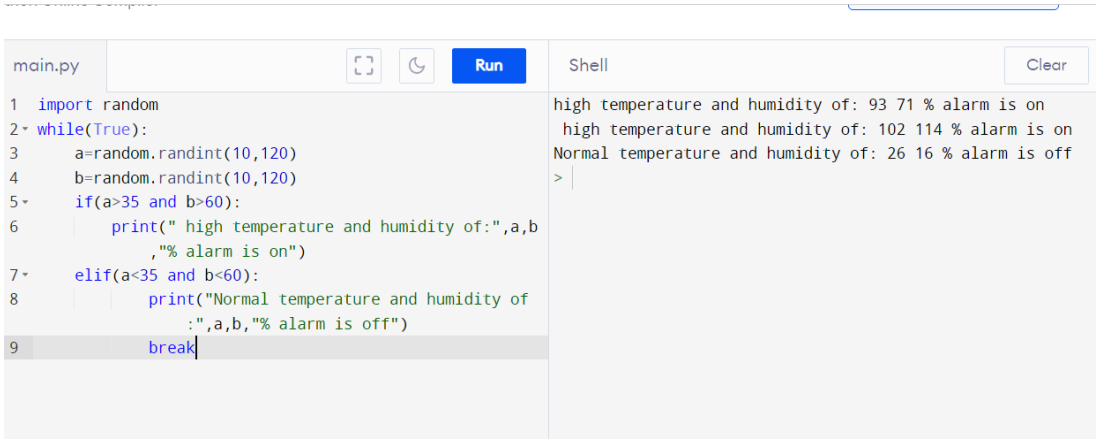
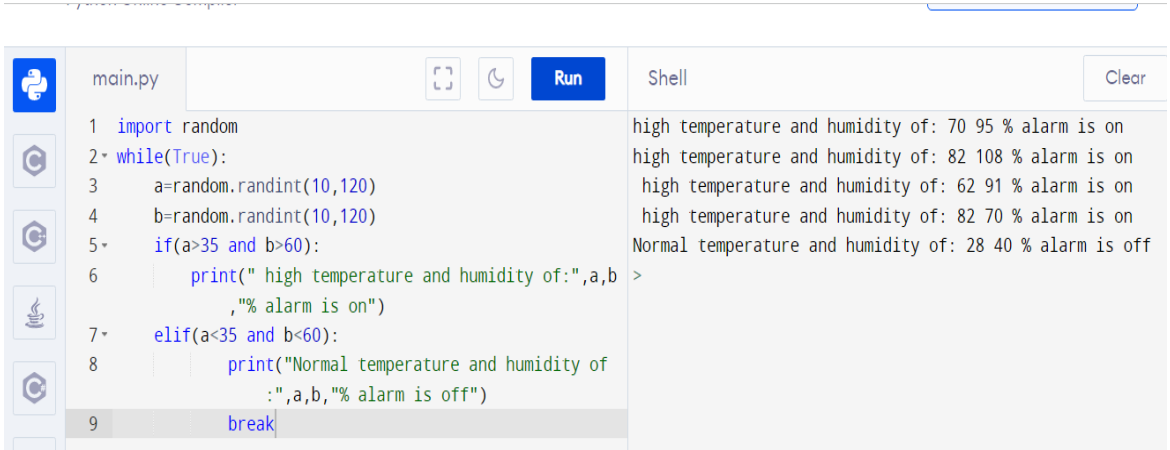
Build a python code, assume that temperature and humidity values generated with random function to a variable and write a condition to continuously detect alarm in case of high temperature.

```
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 off")
```

break

OUTPUT:





main.py

Run

```
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 off")
            break
```

Shell

Clear

```
Normal temperature and humidity of: 32 58 % alarm is off
>
```