ASSIGNMENT-2

MAHENDRA ENGINEERING COLLEGE FOR WOMEN

NAME: M.PRIYDHARSHINI

CLASS:IV CSE

SUBJECT:IBM

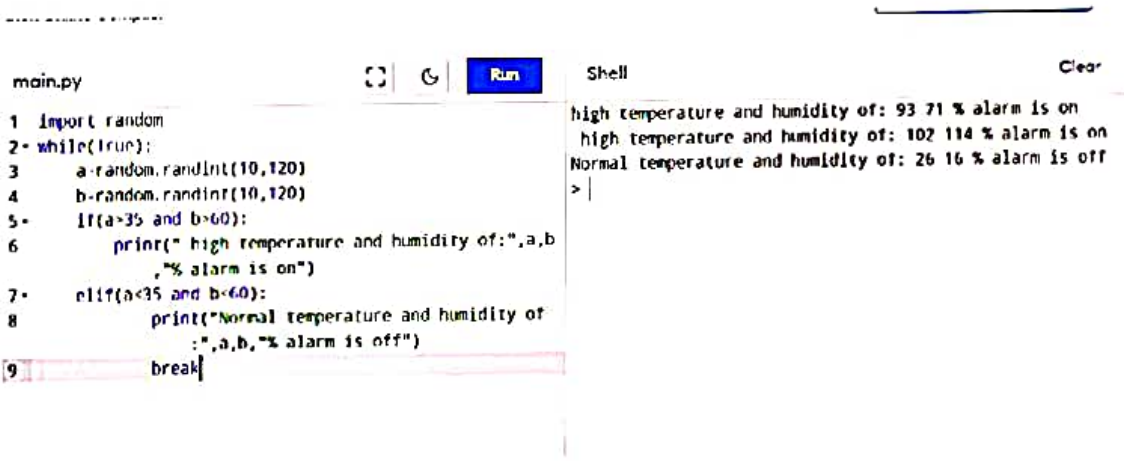
REG NO:611419104055

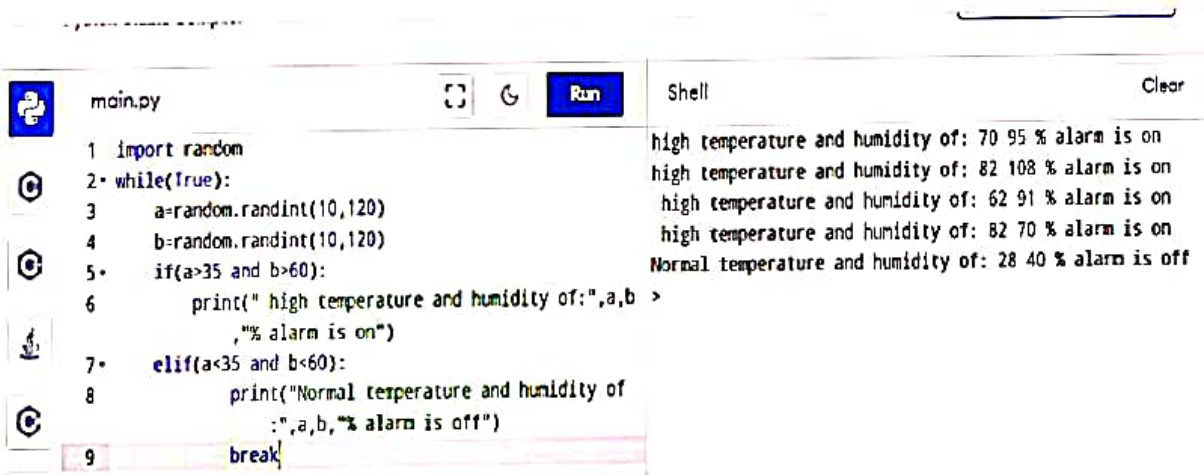
Build a python code, assume that temperature and humidity values generated with random function to a variable and write a condition to continuously detect alarm in case of high temperature.

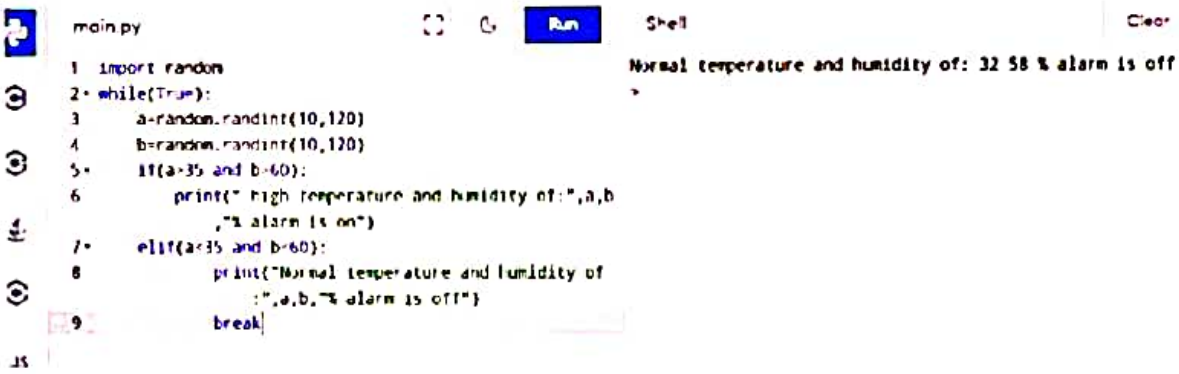
```
import random
while(True):
    a=random.randint(10,120)
    b=random.randint(10,120)
    if(a>35 and b>60):
        print(" high temperature and humidity
of:",a,b,"% alarm is on")
    elif(a<35 and b<60):
        print("Normal temperature and humidity
```

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

OUTPUT:






main.py
Run
Shell
Clear
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
Normal temperature and humidity of: 32 58 % alarm is off
>