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")

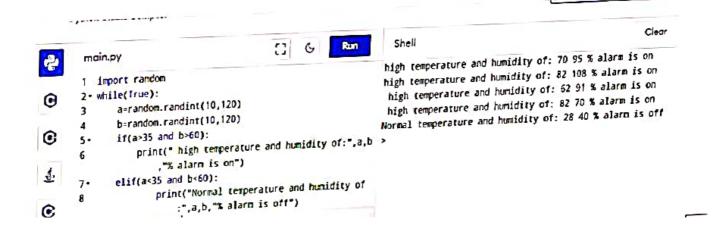
eli f(a<35 and b<60);

print("Normal temperature and humidity

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

OUTPUT:

```
Clear
                                                            high temperature and humidity of: 93 71 % alarm is on
main.py
                                                            high temperature and humidity of: 102 114 % alarm is on
1 Import random
                                                           Normal temperature and humidity of: 26 to % alarm is off
2 · while(Irue):
       a random, randint (10,120)
       b-random.randinf(10,120)
       11(a>35 and b>60):
           print(" high temperature and humidity of:",a,b
5.
               ."% alarm is on")
       elif(a<35 and b<60):
              print("Normal temperature and humidity of
7-
                   :",a,b,"% alarm is off")
```



```
() G No.
                                                                                                        Ciec
      main py
                                                            Shell
                                                           Normal temperature and humidity of: 32 58 % alarm is off
     1 import random
      2 · while(True):
           a-random.randint(10,120)
            b=random, randimi(10,120)
3
            11(a-35 and b-60):
               print(" high resperature and humidity of:",a,b
                   ,"1 alarm is on")
$
            elif(a<35 and b<60):
                  print("Normal temperature and lumidity of
             :",a,b,"k alarm is off")
break
3
    9
К
```