MAHENDRA ENGINEERING COLLEGE FOR WOMEN ASSIGNMENT-2

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class:4 yearCSE

SUBJECT:IBM

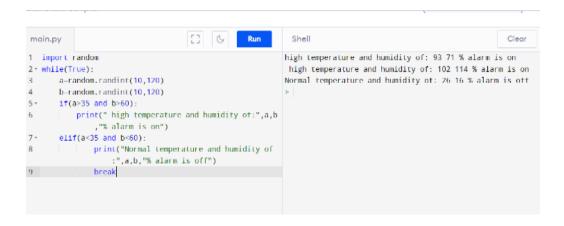
REGISTER:611419104054

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:



```
[] G
       main.py
                                                        Run
                                                                  Shell
                                                                                                                  Clear
                                                                high temperature and humidity of: 70 95 % alarm is on
       1 import random
      2 * while(True):
                                                                high temperature and humidity of: 82 108 % alarm is on
             a-random.randint(10,120)
                                                                 high temperature and humidity of: 62 91 % alarm is on
      4
             b-random.randint(10,120)
                                                                 high temperature and humidity of: 82 70 % alarm is on
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      5+
             if(a>35 and b>60):
                                                                Normal temperature and humidity of: 28 40 % alarm is off
                 print(" high temperature and humidity of:",a,b >
      6
                     ,"% alarm is on")
      7 -
             elif(a<35 and b<60):
      8
                     print("Normal temperature and humidity of
◉
                         :",a,b,"% alarm is off")
                     break
```

