

ASSIGNMENT 2

Date	27 September 2022
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Build a python code, Assume you get temperature and humidity values (generated with random function to a variable) and write a condition continuously detect alarm in case of high temperature.

PROGRAM

```
import random

while(True):

    l=random.randint(10,99)

    k=random.randint(10,99)

    if(l>35 and k>50):

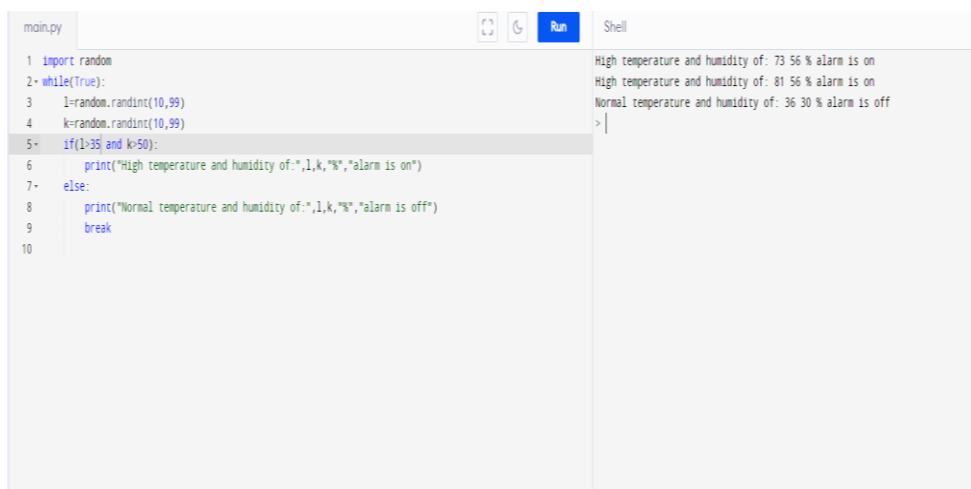
        print("High temperature and humidity of:",l,k,"% ","alarm is on")

    else:

        print("Normal temperature and humidity of:",l,k,"% ","alarm is off")

    break
```

OUTPUT



```
main.py  Run  Shell

1 import random
2 while(True):
3     l=random.randint(10,99)
4     k=random.randint(10,99)
5     if(l>35 and k>50):
6         print("High temperature and humidity of:",l,k,"% ","alarm is on")
7     else:
8         print("Normal temperature and humidity of:",l,k,"% ","alarm is off")
9         break
10
```

```
High temperature and humidity of: 73 56 % alarm is on
High temperature and humidity of: 81 56 % alarm is on
Normal temperature and humidity of: 36 30 % alarm is off
>
```