

## 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):

    s=random.randint(10,99)

    t=random.randint(10,99)

    if(s>35 and t>50):

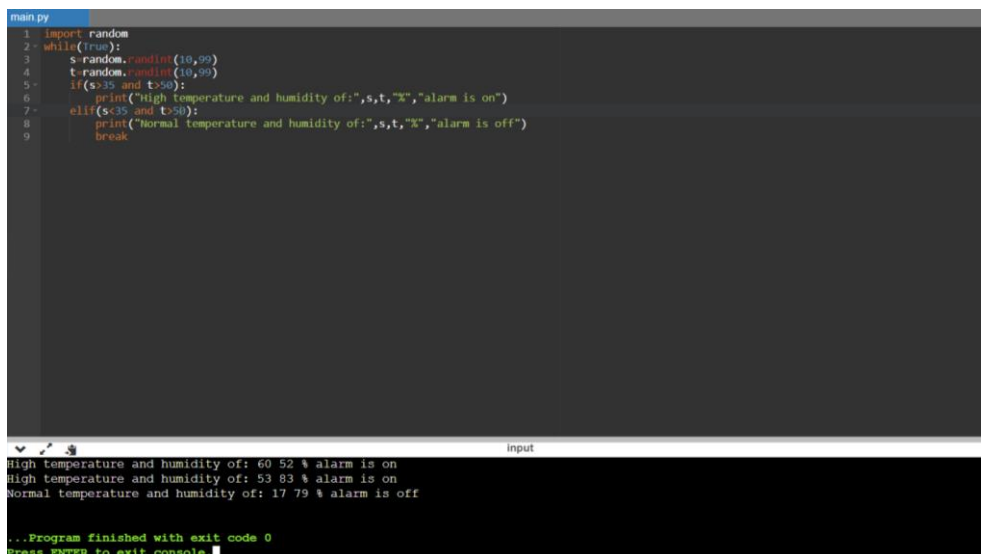
        print("High temperature and humidity of:",s,t,"%","alarm is on")

    elif(s<35 and t<50):

        print("Normal temperature and humidity of:",s,t,"%","alarm is off")

    break
```

### OUTPUT



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

High temperature and humidity of: 60 52 % alarm is on
High temperature and humidity of: 53 83 % alarm is on
Normal temperature and humidity of: 17 79 % alarm is off

...Program finished with exit code 0
Press ENTER to exit console.
```