Name: Varshni Soundarya R

Register number: 1919103135

College: Sona College of Technology

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ASSIGNMENT – 2

QUESTION:

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

SOLUTION:

PROGRAM:

```python
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>50 and b>80):
        print("high temprature and humidity of:",a,b,"%","alarm is on")
    elif(a<45 and b<65):
        print("Normal temperature and humidity of:",a,b,"%","alarm is off")
        break
```
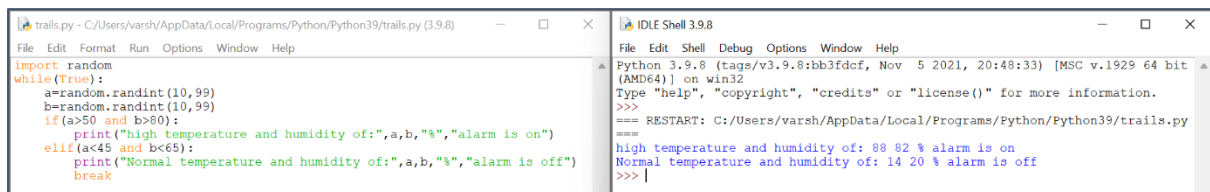
OUTPUT:

Normal temperature and humidity of: 42 21 % alarm is off

PRACTICAL WORK: