PRINCE DR K VASUDEVAN COLLEGE OF ENGINEERING AND TECNOLOGY

Mambakkam - Medavakkam Main Rd, Ponmar, Chennai, Tamil Nadu 600127

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ASSIGNMENT -2

Assignment Date	25 September 2022
Student Name	Mr. Vignesh.E
Student Roll Number	411619104031
Maximum Marks	2 Marks

QUESTION:

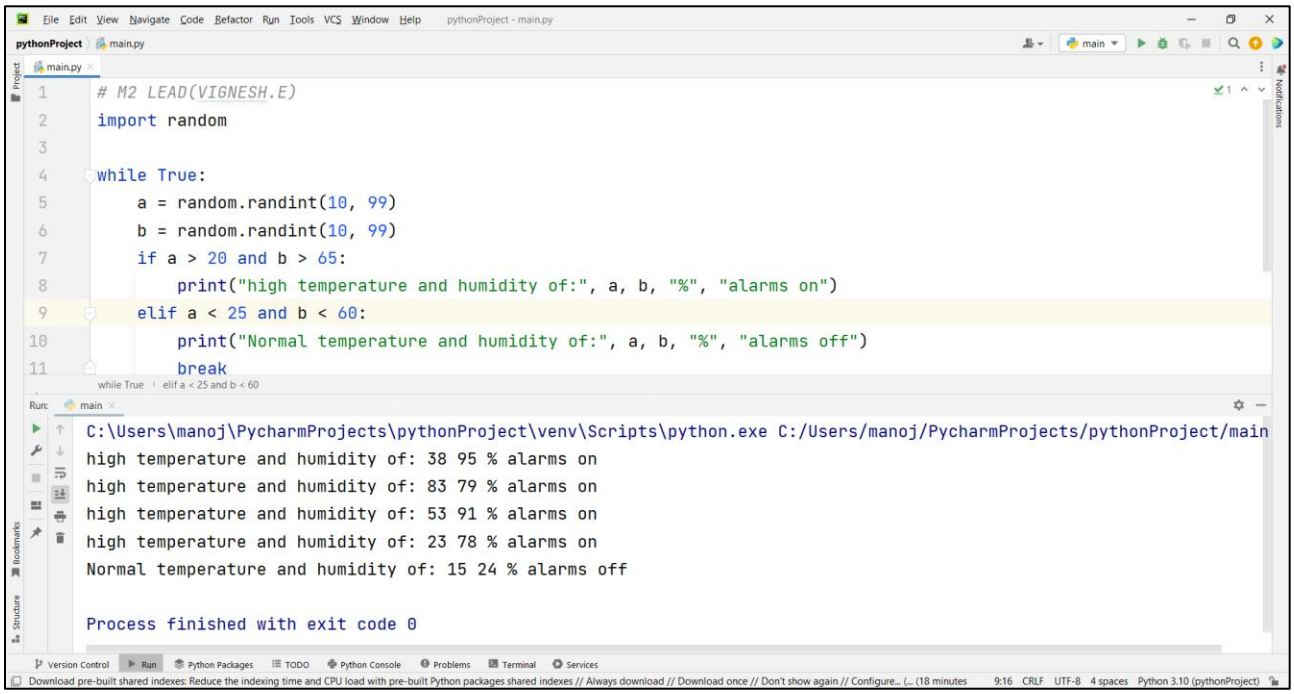
Build a python code,assume u get temperature and humidity values(generated with random functions to a variable) and write a condition to continuously detect alaram in case of high temperature..

SOLUTION:

```
import random

while True:
    a = random.randint(10, 99)
    b = random.randint(10, 99)
    if a > 30 and b > 65:
        print("high temperature and humidity of:", a,
b, "%", "alarms on")
    elif a < 34 and b < 60:
        print("Normal temperature and humidity of:",
a, b, "%", "alarms off")
        break
```

OUTPUT:



FEGURE 1: PYTHON CODE, TO GET TEMPERATURE AND HUMIDITY VALUES.