ASSIGNMENT 2

Assignment Date	22 September 2022
Student Name	B V M Raghava Reddy
Student Roll No	110719104002
Maximum Marks	2 Marks

Assignment 2:

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

Python code :

import random

while(True):

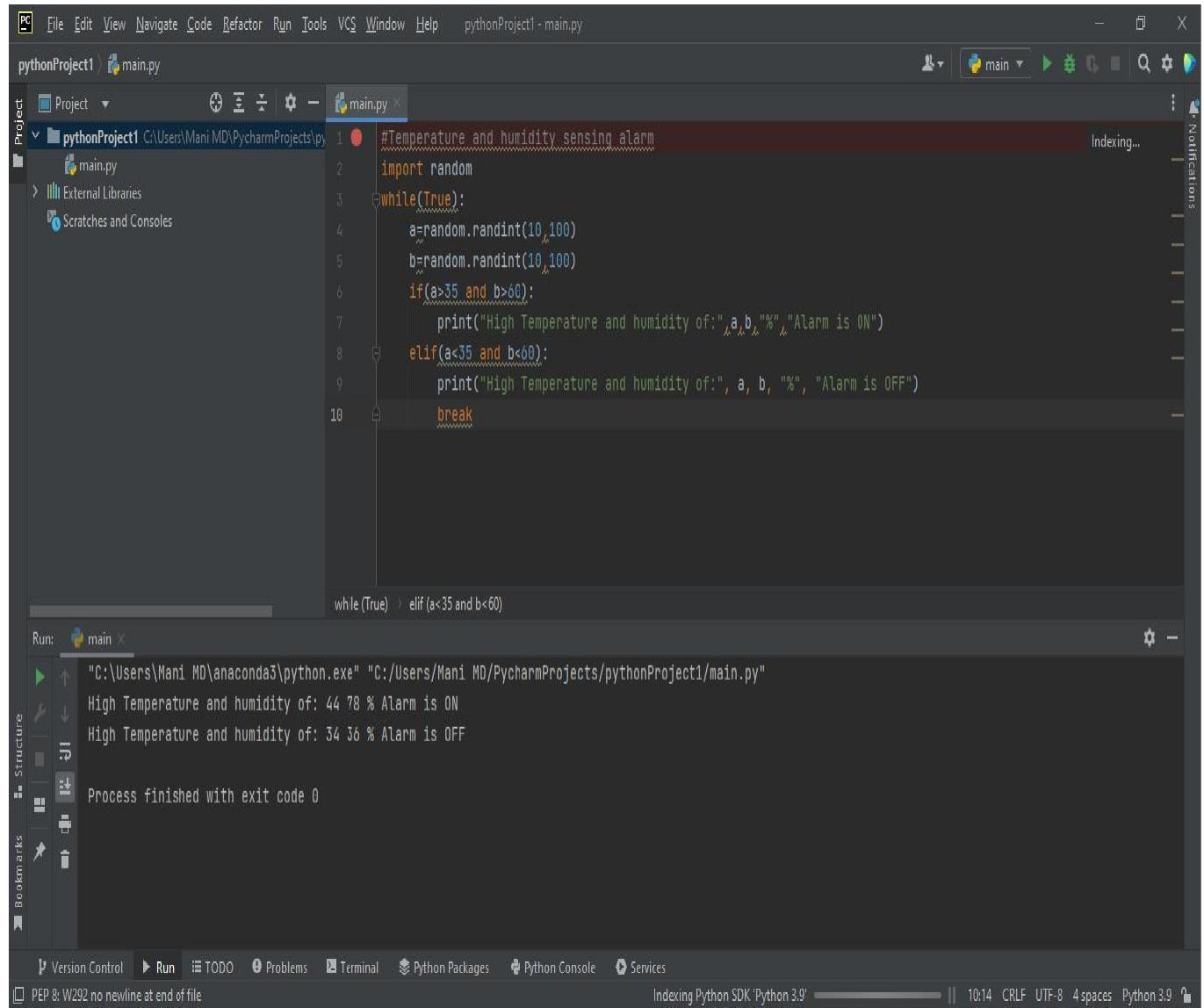 a=random.randint(10,100)

  b=random.randint(10,100)

  if(a>35 and b>60):

    print("High Temperature and humidity of:",a,b,"%","Alarm is ON")

  elif(a<35 and b<60):

    print("High Temperature and humidity of:", a, b, "%", "Alarm is OFF")

    break

OUTPUT :


```python
#Temperature and humidity sensing alarm
import random
while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b>60):
        print("High Temperature and humidity of:",a,b,"%","Alarm is ON")
    elif(a<35 and b<60):
        print("High Temperature and humidity of:", a, b, "%", "Alarm is OFF")
        break
```

```
"C:\Users\Mani MD\anaconda3\python.exe" "C:/Users/Mani MD/PycharmProjects/pythonProject1/main.py"

High Temperature and humidity of: 44 78 % Alarm is ON
High Temperature and humidity of: 34 36 % Alarm is OFF


Process finished with exit code 0
```