Assignment -2
Python Programming

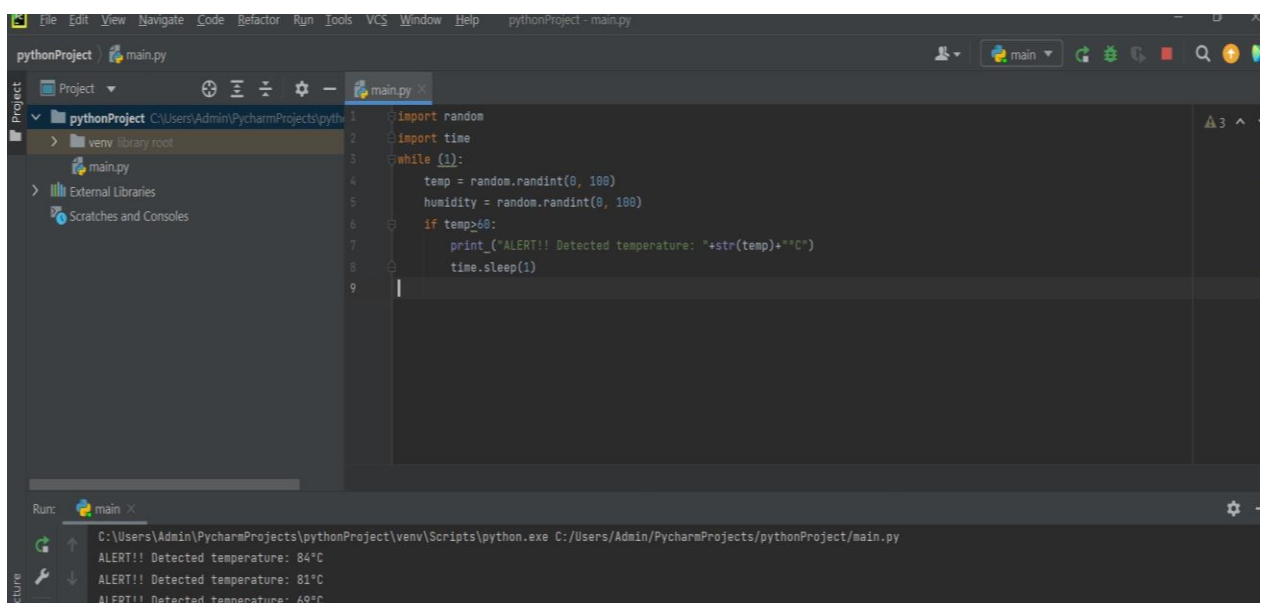| Team ID	PNT2022TMID19330
Maximum Marks	2 Marks

Question:

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:

```python
import random
import time
while (1):
    temp = random.randint(0, 100)
    humidity = random.randint(0, 100)
    if temp>60:
        print ("ALERT!! Detected temperature: "+str(temp)+"°C")
        time.sleep(1)
```

pythonProject > main.py

Project ▼   main.py

Run: main

```
C:\Users\Admin\PycharmProjects\pythonProject\venv\Scripts\python.exe C:/Users/Admin/PycharmProjects/pythonProject/main.py
ALERT!! Detected temperature: 84°C
ALERT!! Detected temperature: 81°C
ALERT!! Detected temperature: 69°C
ALERT!! Detected temperature: 75°C
ALERT!! Detected temperature: 78°C
ALERT!! Detected temperature: 76°C
ALERT!! Detected temperature: 63°C
ALERT!! Detected temperature: 64°C
ALERT!! Detected temperature: 67°C
ALERT!! Detected temperature: 69°C
ALERT!! Detected temperature: 99°C
ALERT!! Detected temperature: 78°C
ALERT!! Detected temperature: 81°C
ALERT!! Detected temperature: 65°C
ALERT!! Detected temperature: 69°C
ALERT!! Detected temperature: 68°C
ALERT!! Detected temperature: 93°C
ALERT!! Detected temperature: 84°C
ALERT!! Detected temperature: 75°C
ALERT!! Detected temperature: 83°C
ALERT!! Detected temperature: 63°C
ALERT!! Detected temperature: 88°C
ALERT!! Detected temperature: 89°C
ALERT!! Detected temperature: 62°C
ALERT!! Detected temperature: 81°C
ALERT!! Detected temperature: 97°C
ALERT!! Detected temperature: 100°C
ALERT!! Detected temperature: 78°C
```

Run   ≡ TODO   Problems   Terminal   Python Packages   Python Console   Event Log

345:1   CRLF   UTF-8   4 spaces   Python 3.9 (pythonProject)