

ASSIGNMENT-2

ASSESSMENT DATE	26 SEPTEMBER 2022
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MARKS	2 Marks

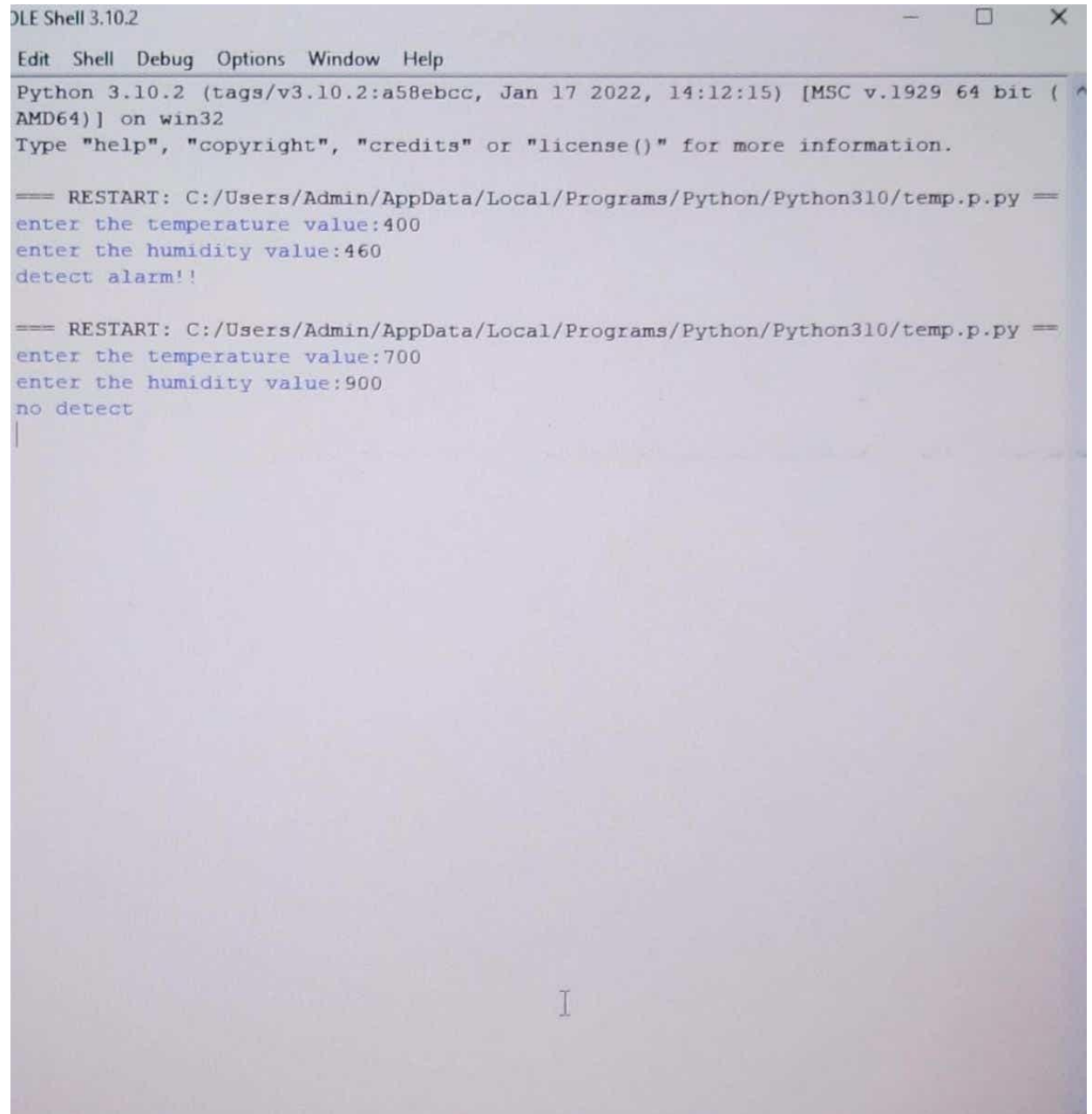
PROBLEM:

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.

CODE

```
import random
temp=int(input("enter the temperature value:"))
humidity=int(input("enter the humidity value:"))
for i in range(0,500):
    y=random.randrange(500)
    if(y>temp):
        print("detect alarm!!")
    else:
        print("no detect")
```

SIMULATION SCREENSHOT:



```
DLE Shell 3.10.2
Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

== RESTART: C:/Users/Admin/AppData/Local/Programs/Python/Python310/temp.p.py ==
enter the temperature value:400
enter the humidity value:460
detect alarm!!

== RESTART: C:/Users/Admin/AppData/Local/Programs/Python/Python310/temp.p.py ==
enter the temperature value:700
enter the humidity value:900
no detect
|
```