

Assignment -2
Python Programming

Assignment Date	28 September 2022
Student Name	S.Lakshmid devi
Student Roll Number	91761914016
Maximum Marks	2 Marks

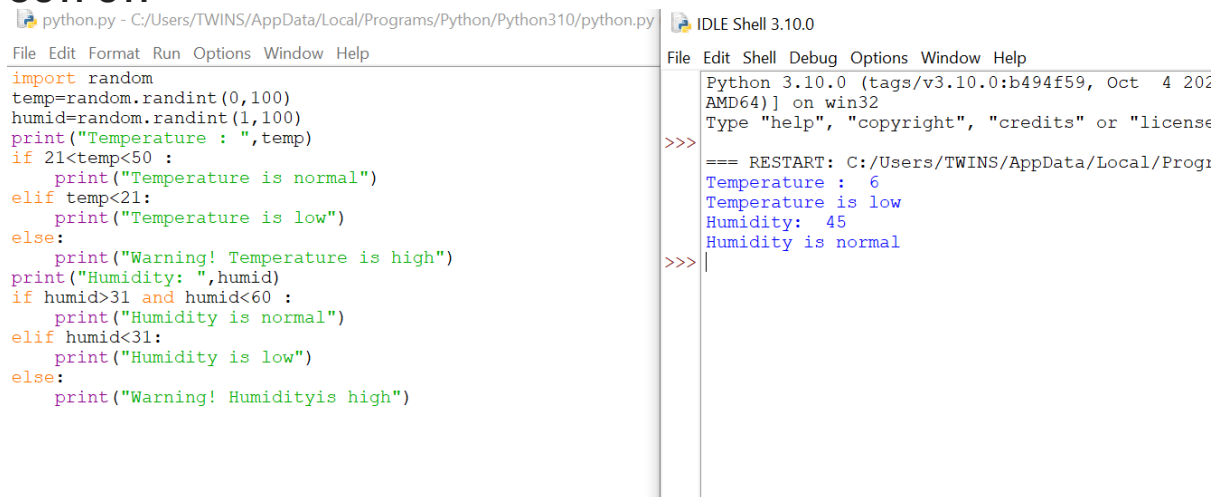
Question-1:

Build a python code, assume u get temperature and humidity values and write a condition to continuously detect alarm in case of high temperature.

PROGRAM

```
import random
temp=random.randint(0,100)
humid=random.randint(1,100)
print("Temperature : ",temp)
if 21< temp<50 :
    print("Temperature is normal")
elif temp<21:
    print("Temperature is low")
else:
    print("Warning! Temperature is high")
print("Humidity: ",humid)
if humid>31 and humid<60 :
    print("Humidity is normal")
elif humid<31:
    print("Humidity is low")
else:
    print("Warning! Humidity is high")
```

OUTPUT:



```
python.py - C:/Users/TWINS/AppData/Local/Programs/Python/Python310/python.py IDLE Shell 3.10.0
File Edit Format Run Options Window Help File Edit Shell Debug Options Window Help
import random
temp=random.randint(0,100)
humid=random.randint(1,100)
print("Temperature : ",temp)
if 21<temp<50 :
    print("Temperature is normal")
elif temp<21:
    print("Temperature is low")
else:
    print("Warning! Temperature is high")
print("Humidity: ",humid)
if humid>31 and humid<60 :
    print("Humidity is normal")
elif humid<31:
    print("Humidity is low")
else:
    print("Warning! Humidity is high")

Python 3.10.0 (tags/v3.10.0:b494f59, Oct 4 2021) on win32
Type "help", "copyright", "credits" or "license()"
>>>
=== RESTART: C:/Users/TWINS/AppData/Local/Programs/Python/Python310/IDLE Shell 3.10.0
Temperature : 6
Temperature is low
Humidity: 45
Humidity is normal
>>>
```

