Professional Readiness Program for

Innovation,

Employability and

Entrepreneurship

ASSIGNMENT-2

SUBMITTED BY

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Engineering

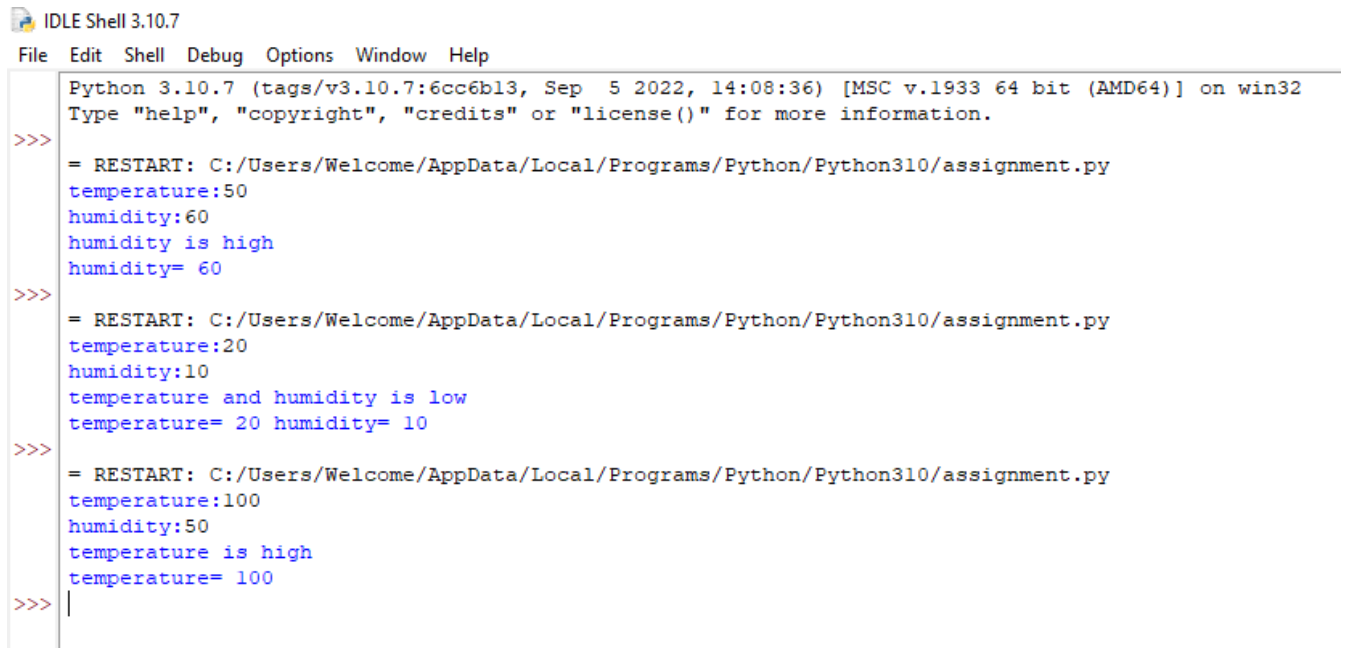# PYTHON PROGRAM FOR TEMPERATURE AND HUMIDITY

CODE:

```python
a=int(input("temperature:"))
b=int(input("humidity:"))
def environment(x,y):
    if(x>=80):
        print("temperature is high")
        print("temperature=",x)
    elif(y>=60):
        print("humidity is high")
        print("humidity=",y)
    elif(x<=40)&(y<=30):
        print("temperature and humidity is low")
        print("temperature=",x,"humidity=",y)
    else:
        print("good environment condition")
        print("temperature=",x)
```

```python
        print("humidity=",y)
environment(a,b)
```

OUTPUT

IDLE Shell 3.10.7

File Edit Shell Debug Options Window Help

```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep  5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/Welcome/AppData/Local/Programs/Python/Python310/assignment.py
temperature:50
humidity:60
humidity is high
humidity= 60
>>>
= RESTART: C:/Users/Welcome/AppData/Local/Programs/Python/Python310/assignment.py
temperature:20
humidity:10
temperature and humidity is low
temperature= 20 humidity= 10
>>>
= RESTART: C:/Users/Welcome/AppData/Local/Programs/Python/Python310/assignment.py
temperature:100
humidity:50
temperature is high
temperature= 100
>>>
```