ASSIGNMENT 2

NAME   : SRINITHI V

ROLL NO : 737819ECR187

PROGRAM :

```python
print("ASSIGNMENT 2")

print("NAME : SRINITHI V")

print("ROLL NO : 737819ECR187")

print()


import random

print("TEMPERATURE VALUES")

start_temperature=int(input("enter starting value : "))

end_temperature=int(input("enter ending value : "))

temperature =
random.randint(start_temperature,end_temperature)


print("HUMIDITY VALUES")

start_humidity=int(input("enter starting value : "))

end_humidity=int(input("enter ending value : "))

humidity = random.randint(start_humidity,end_humidity)


print("TEMPERATURE : ",temperature)

print("HUMIDITY : ",humidity)
```

```python
if(temperature>800 | humidity>500):

    print("DANGEOROUS!!!")


elif ((temperature>500&temperature<800 )|
(humidity>200&humidity<500)):

    print("ACTION NEEDED!!!")


else:

    print("NORMAL...")
```
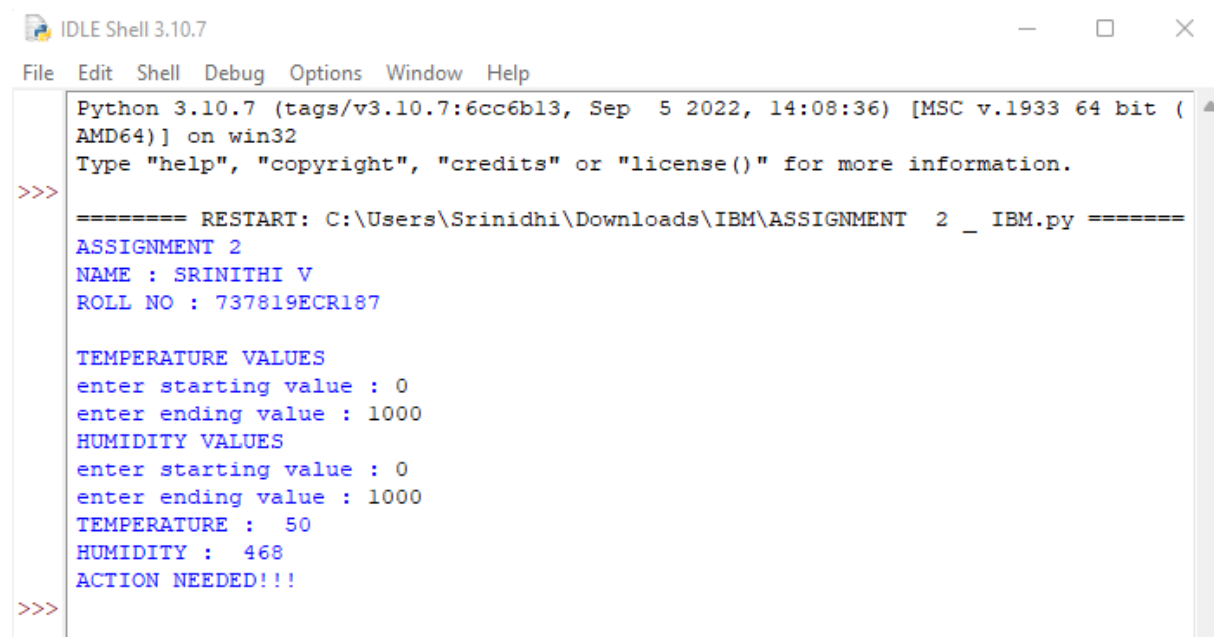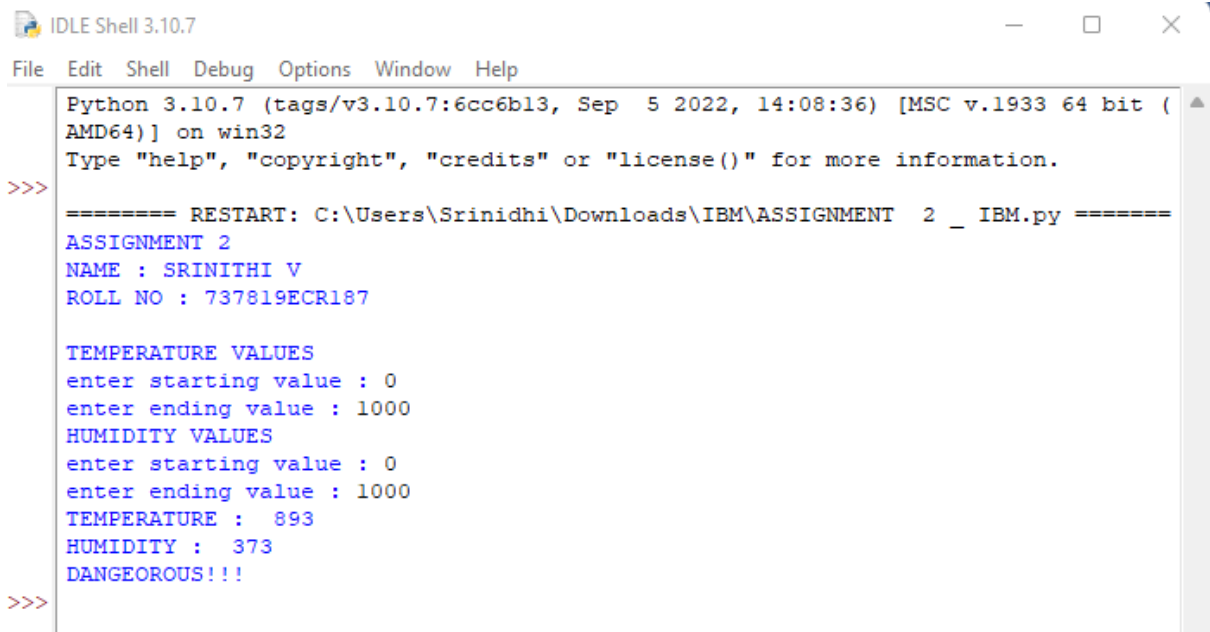
OUTPUT :

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\Srinidhi\Downloads\IBM\ASSIGNMENT  2 _ IBM.py =======
ASSIGNMENT 2
NAME : SRINITHI V
ROLL NO : 737819ECR187

TEMPERATURE VALUES
enter starting value : 0
enter ending value : 1000
HUMIDITY VALUES
enter starting value : 0
enter ending value : 1000
TEMPERATURE :  893
HUMIDITY :  373
DANGEOROUS!!!
>>>
```