IBM NALAIYA THIRAN

ASSIGNMENT - 2

Python code to check temperature, humidity, and alarm on High temperature:

Code:

```python
import random
while(True):
    temperature=random.randint(10,99)
    humidity=random.randint(10,99)
    if(temperature>40 and humidity>70):
        print("ALARM ON: High temperature….")
    elif(temperature<40 and humidity<70):
        print("ALARM OFF: Normal temperature….")
        break
```

```
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

Loading personal and system profiles took 866ms.
Tarun Kishore   Projects   3.9.0  0ms      python -u "d:\Projects\IBM_assgn2.py"
ALARM OFF: Normal temperature….
Tarun Kishore   Projects   3.9.0  140ms    python -u "d:\Projects\IBM_assgn2.py"
ALARM ON: High temperature….
ALARM OFF: Normal temperature….
Tarun Kishore   Projects   3.9.0  154ms    python -u "d:\Projects\IBM_assgn2.py"
ALARM OFF: Normal temperature….
Tarun Kishore   Projects   3.9.0  151ms    python -u "d:\Projects\IBM_assgn2.py"
ALARM OFF: Normal temperature….
Tarun Kishore   Projects   3.9.0  122ms    python -u "d:\Projects\IBM_assgn2.py"
ALARM OFF: Normal temperature….
Tarun Kishore   Projects   3.9.0  121ms
```