IBM ASSIGNMENT 2:

CODE:

```python
import random

import time


while(1):
    t=random.randint(27,84)
    h=random.randint(21,46)
    if(31<=t<=53):
        print("Normal Temperature. Temperature = ",t)
    elif(t<31):
        print("Very low Temperature. Temperature = ",t)
    elif(t>53):
        print("Very high Temperature. Temperature = ",t)
    if(31<=h<=40):
        print("Normal Humidity. Humidity = ",h)
    elif(h<31):
        print("Very less humidity. Humidity = ",h)
    elif(h>40):
        print("Very high humidity. Humidity = ",h)
        time.sleep(3)
```

assignment2.py - C:/Users/dharu/OneDrive/Desktop/assignment2.py (3.10.6)

File Edit Format Run Options Window Help

```python
import random
import time

while(1):
    t=random.randint(27,84)
    h=random.randint(21,46)
    if(31<=t<=53):
        print("Normal Temperature. Temperature = ",t)
    elif(t<31):
        print("Very low Temperature. Temperature = ",t)
    elif(t>53):
        print("Very high Temperature. Temperature = ",t)
    if(31<=h<=40):
        print("Normal Humidity. Humidity = ",h)
    elif(h<31):
        print("Very less humidity. Humidity = ",h)
    elif(h>40):
        print("Very high humidity. Humidity = ",h)
        time.sleep(3)
```

Ln: 18 Col: 50

OUTPUT:

IDLE Shell 3.10.6

File Edit Shell Debug Options Window Help

```
Very low Temperature. Temperature =  27
Very less humidity. Humidity =  26
Very high Temperature. Temperature =  57
Normal Humidity. Humidity =  34
Very high Temperature. Temperature =  68
Very less humidity. Humidity =  27
Very high Temperature. Temperature =  79
Very less humidity. Humidity =  28
Very high Temperature. Temperature =  59
Very less humidity. Humidity =  29
Very high Temperature. Temperature =  74
Very high humidity. Humidity =  44
Very high Temperature. Temperature =  63
Very less humidity. Humidity =  30
Normal Temperature. Temperature =  49
Normal Humidity. Humidity =  34
Very high Temperature. Temperature =  70
Very less humidity. Humidity =  28
Normal Temperature. Temperature =  37
Very less humidity. Humidity =  30
Normal Temperature. Temperature =  49
Very less humidity. Humidity =  23
Very high Temperature. Temperature =  56
Very high humidity. Humidity =  42
Normal Temperature. Temperature =  50
Very high humidity. Humidity =  42
Very high Temperature. Temperature =  55
Normal Humidity. Humidity =  38
Normal Temperature. Temperature =  34
Normal Humidity. Humidity =  39
Very high Temperature. Temperature =  78
Very high humidity. Humidity =  46
Very high Temperature. Temperature =  65
Normal Humidity. Humidity =  31
Very high Temperature. Temperature =  58
Very less humidity. Humidity =  22
Normal Temperature. Temperature =  49
Normal Humidity. Humidity =  34
Normal Temperature. Temperature =  35
Very less humidity. Humidity =  21
Normal Temperature. Temperature =  41
Very high humidity. Humidity =  46
```

Ln: 1117 Col: 0