

```

import random

def temperature():
    value=random.randint(25,100)
    #print(value)
    return value
t=temperature()

def humidity():
    range=random.randint(40,100)
    #print(range)
    return range
h=humidity()

#for temperature
if t>40:
    print("High temperature detetcted")
elif t==40:
    print("Temprature reached maximum thershold of 40 degrees celsius")
else:
    print("Temperature is good")

#for Humidity
if h>85 :
    print("High humidity detetcted")
elif t == 85:
    print("Humidity reached maximum thershold of 65 percent")
else:
    print("Humidity is good")

```

ibm assignment 2.py - C:/Users/pradeepika/AppData/Local/Programs/Python/Python310/ibm assignment 2.py (3.10.6)

File Edit Format Run Options Window Help

```
import random
def temperature():
    value=random.randint(25,100)
    #print(value)
    return value
t=temperature()
def humidity():
    range=random.randint(40,100)
    #print(range)
    return range
h=humidity()
#for temperature
if t>40:
    print("High temperature detetcted")
elif t==40:
    print("Temprature reached maximum thershold of 40 degrees celsius")
else:
    print("Temperature is good")
#for Humidity
if h>85 :
    print("High humidity detetcted")
elif t == 85:
    print("Humidity reached maximum thershold of 65 percent")
else:
    print("Humidity is good")
```

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```
IDLE Shell 3.10.6
File Edit Shell Debug Options Window Help
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/pradeepika/AppData/Local/Programs/Python/Python310/ibm assignment 2.py
High temperature detetcted
Humidity is good
>>>
```

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