

sensing.py - C:/Users/ELCOT/AppData/Local/Programs/Python/Python39/sensing.py (3.9.8)

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```
IDLE Shell 3.9.8
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Python 3.9.8 (tags/v3.9.8:bb3fddf, Nov  5 2021, 20:48:33) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:/Users/ELCOT/AppData/Local/Programs/Python/Python39/sensing.py ===
The temperature is 23
temperature is low
The Humidity is 66
Humidity is high
>>>
=== RESTART: C:/Users/ELCOT/AppData/Local/Programs/Python/Python39/sensing.py ===
The temperature is 33
temperature is high
The Humidity is 14
Humidity is low
>>>
=== RESTART: C:/Users/ELCOT/AppData/Local/Programs/Python/Python39/sensing.py ===
The temperature is 11
temperature is low
The Humidity is 90
Humidity is high
>>>
```

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```
import random
temperature=(random.random())*100
Humidity=(random.random())*100
roundedTemp=round(temperature)
roundedHumi=round(Humidity)
print("The temperature is",roundedTemp)

if roundedTemp>30:
    print("temperature is high")
else:
    print("temperature is low")
temperature=(random.random())*100
undedTemp=round(temperature)
print("The Humidity is",roundedHumi)

if roundedHumi>30:
    print("Humidity is high")
else:
    print("Humidity is low")
```

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28-09-2022 ENG