

IBM – NALLAIYA THIRAN PROJECT

ASSIGNMENT 2

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Program and execution:

Sowmiya.py - C:/Users/MERCY/Desktop/Sowmiya.py (3.9.5)

```
import random

temperature=(random.random())*100
roundedTemp=round(temperature)

humidity=(random.random())*100
roundedhumid=round(humidity)

print("temperature:",roundedTemp)
print("humidity:",roundedhumid)
if roundedTemp>30:
    print("Detect alarm")
else:
    print("Low temperature")
```

IDLE Shell 3.9.5

File Edit Shell Debug Options Window Help

```
Python 3.9.5 (tags/v3.9.5:0a7dcbdb, May 3 2021, 17:27:52) [MSC v.1920 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/MERCY/Desktop/Sowmiya.py =====
temperature: 38
humidity: 85
Detect alarm
>>>
```

Ln: 12 Col: 0