

ASSIGNMENT 2

Assignment Date	24 September 2022
Student Name	SWATHI.S
Student Roll Number	710619205008
Maximum Marks	2 Marks

Question-1:

Build a python code, Assume you get temperature and humidity value (generated with random function to a variable) and write a condition to continuously detect alarm in case of High Temperature.

Solution:

```
import random
temp = random.randint(18,28)
print("The Temperature is: ",temp)
humid = random.randint(30,60)
print("The Humidity is: ",humid,"%")
```

```
if temp > 15:
    print("High Temperature")
if humid > 25:
    print("High Humidity")
```

assignment2 sha.py - D:/ppt pdf/assignment2 sha.py (3.10.6)

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```
import random
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print("The Humidity is: ",humid,"%")
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Python Shell 3.10.6

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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: D:/ppt pdf/assignment2 sha.py =====

```
The Temperature is: 28
The Humidity is: 60 %
High Temperature
High Humidity
```

>>>

>>> ===== RESTART: D:/ppt pdf/assignment2 sha.py =====

```
The Temperature is: 28
The Humidity is: 45 %
High Temperature
High Humidity
```

>>>