

Assignment

-2

Assignment Date	24 September 2022
Student Name	ADHITHIYAN.D
Student Roll Number	820419205001
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("Hlgh Humidity")
```

File Edit Format Run Options Window Help

```
import random
temp= random.randint(18,28)
print("The Temperature is: ",temp)
humid = random.randint(30,60)
print(temp>15: "High Temperature",id,"%")
print("High Temperature")
humid >25:
print("High Humidity")
```

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: 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
```

>

In 15 Cot 0