

ASSIGNMENT-2

PYTHON PROGRAMMING

ASSIGNMENT DATE:	24-09-2022
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MAXIMUM MARKS:	

QUESTION:

Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

SOLUTION:

```
#TEMPERATURE AND HUMIDITY MONITORING IN CHENNAI
```

```
import random
```

```
temp=random.randrange(24,50,5)
```

```
hum=random.randrange(10,100)
```

```
while(True):  #FOR CONTINUOUS MONITORING
```

```
    print("TEMPERATURE:",temp)
```

```
    if(temp>=40):
```

```
        print("HIGH TEMPERATURE DETECTED")
```

```
    print("HUMIDITY:",hum)
```

SAMPLE OUTPUT:



 *IDLE Shell 3.10.7*

File Edit Shell Debug Options Window Help

[illegible]