

Assignment-2
Python
Programming

Assignment Date	19 September 2022
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Maximum Marks	2 Marks

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

```
import random
from time import
sleep
def
generate_values():
    temperature = random.randint(14,50)
    humidity =
    random.randint(10,temperature)
    return humidity,temperature
humidity = temperature =
0while temperature<45:
    humidity, temperature =
    generate_values()print('Humidity:', humidity,
    'Temperature:', temperature)sleep(0.50)
print('HighTemperatureDetected')
```

OUTPUT

Humidity:28Temperature:30

Humidity:13Temperature:19

Humidity:19Temperature:46

HighTemperatureDetected

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (tags/v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:/Users/absar/AppData/Local/Programs/Python/Python37/Arun Kumar Assignment 2.py
Humidity: 28 Temperature: 30
Humidity: 13 Temperature: 19
Humidity: 19 Temperature: 46
High Temperature Detected
>>>
```

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