

Assignment -2 Python
Programming

Assignment Date	19 September 2022
Student Name	Harish K
Student Roll Number	210219106015
Maximum Marks	2 Marks

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.

import random from time import sleep def generate_values():

```
    temperature = random.randint(15, 50) humidity =  
    random.randint(10, temperature) return humidity,  
    temperature humidity = temperature = 0 while  
    temperature < 45: humidity, temperature =  
    generate_values() print('Humidity:', humidity,  
'Temperature:', temperature) sleep(0.50) print('High  
Temperature Detected')
```

OUTPUT

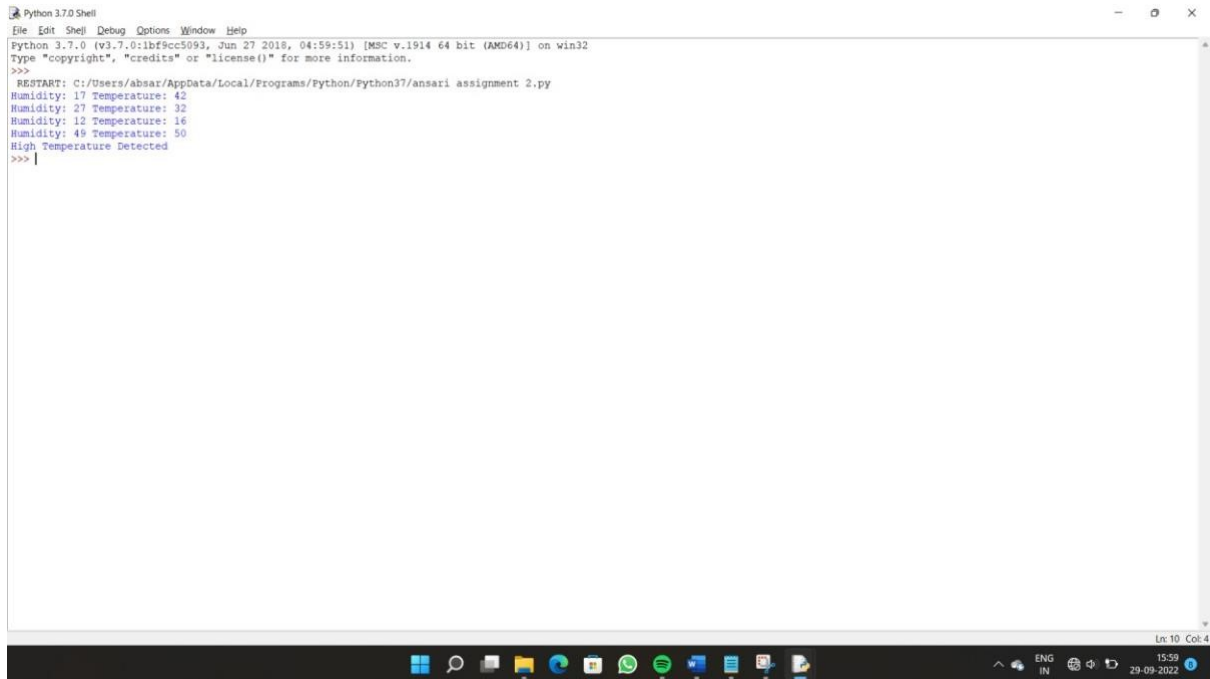
Humidity: 17 Temperature: 42

Humidity: 27 Temperature: 32

Humidity: 12 Temperature: 16

Humidity: 49 Temperature: 50

High Temperature Detected



```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (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/ansari assignment 2.py
Humidity: 17 Temperature: 42
Humidity: 27 Temperature: 32
Humidity: 12 Temperature: 16
Humidity: 49 Temperature: 50
High Temperature Detected
>>> |
```

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