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assignment.py - C:/Users/krije/AppData/Local/Programs/Python/Python37/assignment.py (3.7.0)
File Edit Format Run Options Window Help
import random
from time import sleep

def generate_values():
    temperature = random.randint(10, 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')
```

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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/krije/AppData/Local/Programs/Python/Python37/assignment.py
Humidity: 10 Temperature: 21
Humidity: 13 Temperature: 16
Humidity: 12 Temperature: 12
Humidity: 14 Temperature: 18
Humidity: 41 Temperature: 42
Humidity: 10 Temperature: 10
Humidity: 19 Temperature: 35
Humidity: 38 Temperature: 43
Humidity: 11 Temperature: 41
Humidity: 14 Temperature: 19
Humidity: 10 Temperature: 23
Humidity: 19 Temperature: 23
Humidity: 18 Temperature: 36
Humidity: 22 Temperature: 49
High Temperature Detected
>>>
```