

**Assignment -2**  
**Python Programming**

Assignment Date	29September 2022
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Maximum Marks	2 Marks

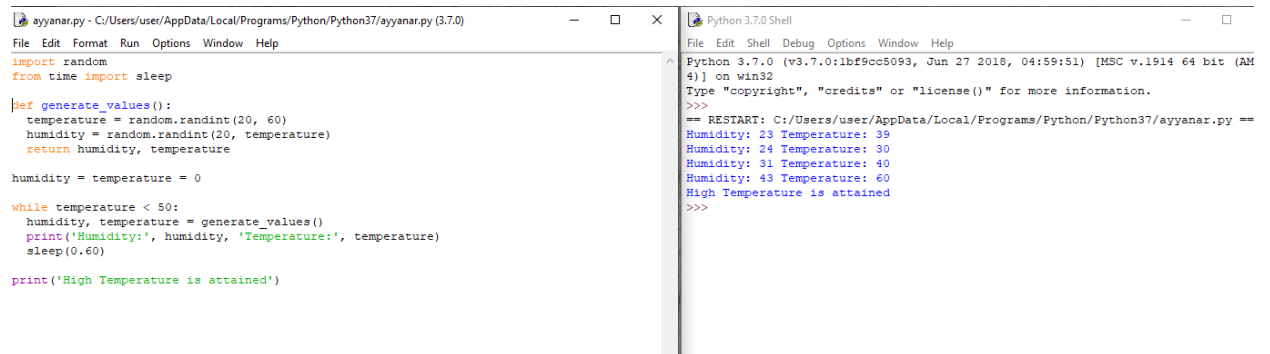
**Question**

**WRITE A PROGRAM FOR WHEN TEMPERATURE REACH HIGH ALARTING:**

**PROGRAM:**

```
import random
from time import sleep
def generate_values():
    temperature = random.randint(20, 60)
    humidity = random.randint(20, temperature)
    return humidity, temperature
humidity = temperature = 0
while temperature < 50:
    humidity, temperature = generate_values()
    print('Humidity:', humidity, 'Temperature:', temperature)
    sleep(0.60)
print('High Temperature is attained')
```

**OUTPUT:**



```
Python 3.7.0 Shell
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/user/AppData/Local/Programs/Python/Python37/ayanar.py ==
Humidity: 23 Temperature: 39
Humidity: 24 Temperature: 30
Humidity: 31 Temperature: 40
Humidity: 43 Temperature: 60
High Temperature is attained
>>>
```