

Assignment -2
Python Programming

Assignment Date	29 september 2022
Student Name	Mr. Karthick pandiyan R
Student Roll Number	812419106023
Maximum Marks	2 Marks

Question

WRITE A PROGRAM FOR WHEN TEMPERATURE REACH HIGH ALARTING

Programs:

```
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:

File Edit Format Run Options Window Help

```
import random
from time import sleep

def generate_values():
    temperature = random.randint(20, 40)
    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')
```

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```
Python 3.7.0 (tags/v3.7.0:1bf90c5093, Jun 27 2018, 04:59:51) [MSC v.1916 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
-- RESTART: C:/Users/user/AppData/Local/Programs/Python/Python37/python.exe --
Humidity: 33 Temperature: 39
Humidity: 34 Temperature: 39
Humidity: 31 Temperature: 40
Humidity: 43 Temperature: 60
High Temperature is attained
>>>
```