Assignment -2

Python Programming

Assignment Date	22 September 2022
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Maximum Marks	2 Marks

PYTHON CODE TO GET TEMPERATURE AND HUMIDITY (Generated with random function to a variable)

CODE :

import random

from time import *

cast=True

while(cast):

```python
t=random.randint(0,60)

h=random.randint(20,70)

if t>45 and h<40:

    print("Temperature=",t,"Humidity=",h)

    print("ALARM ON")

    cast=False

else:

    print("Temperature=",t,"Humidity=",h)

    sleep(1)
```

OUTPUT :

```
Type "copyright", "credits
==== No Subprocess ====

WARNING: Running IDLE without a Subprocess is deprecated
and will be removed in a later version. See Help/IDLE Help
for details.

>>>
Temperature= 0 Humidity= 40
Temperature= 6 Humidity= 38
Temperature= 17 Humidity= 21
Temperature= 44 Humidity= 52
Temperature= 41 Humidity= 25
Temperature= 57 Humidity= 29
ALARM ON
>>> s
```