

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):
```

```
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" or "license()" for more information.  
==== 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|
```