

## Assignment -2

### Python Programming

|                     |                   |
|---------------------|-------------------|
| Assignment Date     | 22 September 2022 |
| Student Name        | Anandhi.P         |
| Student Roll Number | 211419106026      |
| 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|
```