

Assignment - 2

Python Code

Assignment Date	25 September 2022
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Maximum Marks	2 Marks

Question-1:

Build a python code, Assume u get temperature and humidity values (generated with a random function to a variable) and write a condition to detect an alarm in case of high temperature continuously.

Solution:

Code:

```
temperatures=[0,12,17,28,30]
```

```
for temperature in temperatures:
```

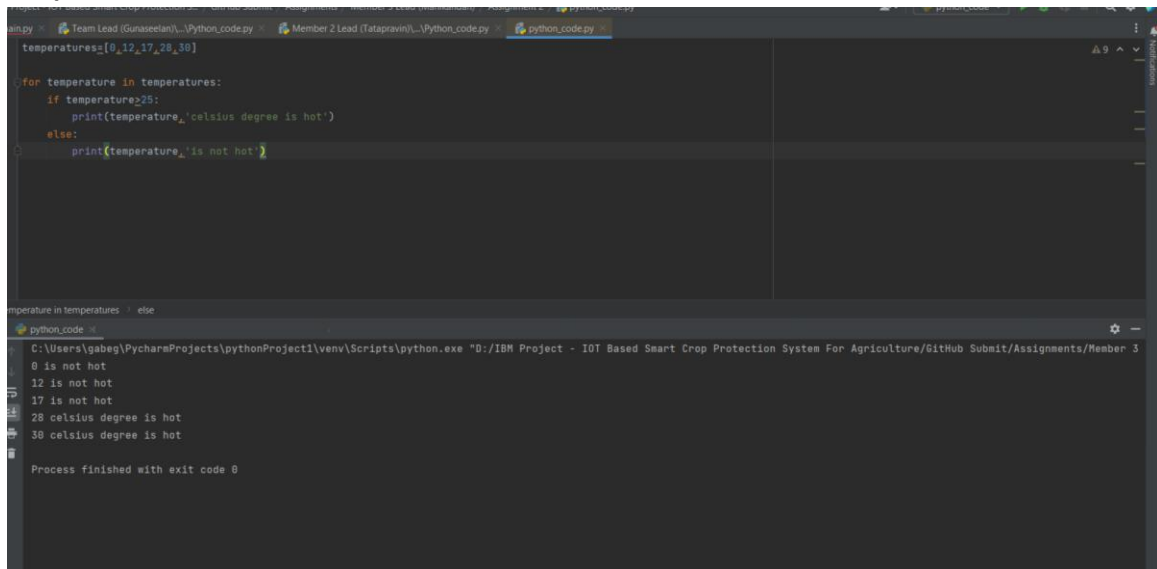
```
    if temperature>25:
```

```
        print(temperature,'celsius degree is hot')
```

```
    else:
```

```
        print(temperature,'is not hot')
```

Output:

The image shows a screenshot of a Python IDE. The top pane displays the Python code:

```
temperatures=[0,12,17,28,30]

for temperature in temperatures:
    if temperature>25:
        print(temperature,'celsius degree is hot')
    else:
        print(temperature,'is not hot')
```

 The bottom pane shows the output of the code:

```
0 is not hot
12 is not hot
17 is not hot
28 celsius degree is hot
30 celsius degree is hot
Process finished with exit code 0
```