

Assignment -2

Assignment Date	04 October 2022
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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:

```
import random
tempDeg = random.randint(250,2000)
if(tempDeg > 500 ):

    print("ALARM IS DETECTED")
    print(tempDeg)
else:
    print("TEMPERATURE IS NORMAL")
    print(tempDeg)
```

Output:

```
main.py
1 import random
2 tempDeg = random.randint(250,2000)
3 if(tempDeg > 500 ):
4
5     print("ALARM IS DETECTED")
6     print(tempDeg)
7 else:
8     print("TEMPERATURE IS NORMAL")
9     print(tempDeg)
```

ALARM IS DETECTED
1461

...Program finished with exit code 0
Press ENTER to exit console.