Assignment -2

Python Programming

Assignment Date	08 October 2022
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Maximum Marks	2 Marks

Question-1:

Write a program to detect high temperature.

SOLUTION:

```
import random
import winsound
temperature=random.randrange(0,100)
humidity=random.randrange(0,100)
print("Temperature is :",temperature)
if(temperature>60):
    print("High Temperature")
    winsound.Beep(4320,1000)
else:
    print("Normal Temperature")
print("Humidity : " ,humidity)
```

output:

DLE Shell 3.9.8 ō File Edit Shell Debug Options Window Help
Humidity: 29
>>> RE BM Assignment - 2.py - C:/Users/sasik/IBM Assignment - 2.py (3.9.8) X Temperature is: 33 Normal Temperature Humidity: 84 >>> File Edit Format Run Options Window Help File Edit Format Run Optons Window Help
#Python code
#IBM Assignment - 2
RE import random
import winsound
temperature= random.randrange(0,100)
humidity=random.randrange(0,100)
print(""Temperature is: ", temperature)
RE if(temperature>60):
 print("HIGH Temperature")
 winsound.Beep(4320,1000)
else: Temperature is: 63
HIGH Temperature
Humidity: 59
>>>
Temperature is: 70
HIGH Temperature
Humidity: 22
>>> print("Normal Temperature")
RE print("Humidity : ",humidity) Temperature is: 23
Normal Temperature
Humidity: 1
>>> Temperature is: 54
Normal Temperature
Humidity: 13
>>> Temperature is: 23
Normal Temperature
Humidity: 64
>>> Temperature is: 88
HIGH Temperature
Humidity: 40
>>> Temperature is: 92
HIGH Temperature
Humidity: 60
>>> Temperature is: 43 Normal Temperature Humidity: 99 >>> Ln: 10 Col: 21

Ln: 76 Col: 4 ■ b ■ ♣ b o ■ ♠