ASSIGNMENT - 2

Python Programming

Assignment Date	08 October 2022
Student Name	VIJAY K V J
Student Roll Number	111519106174
Maximum Marks	2 Marks

Question-1:

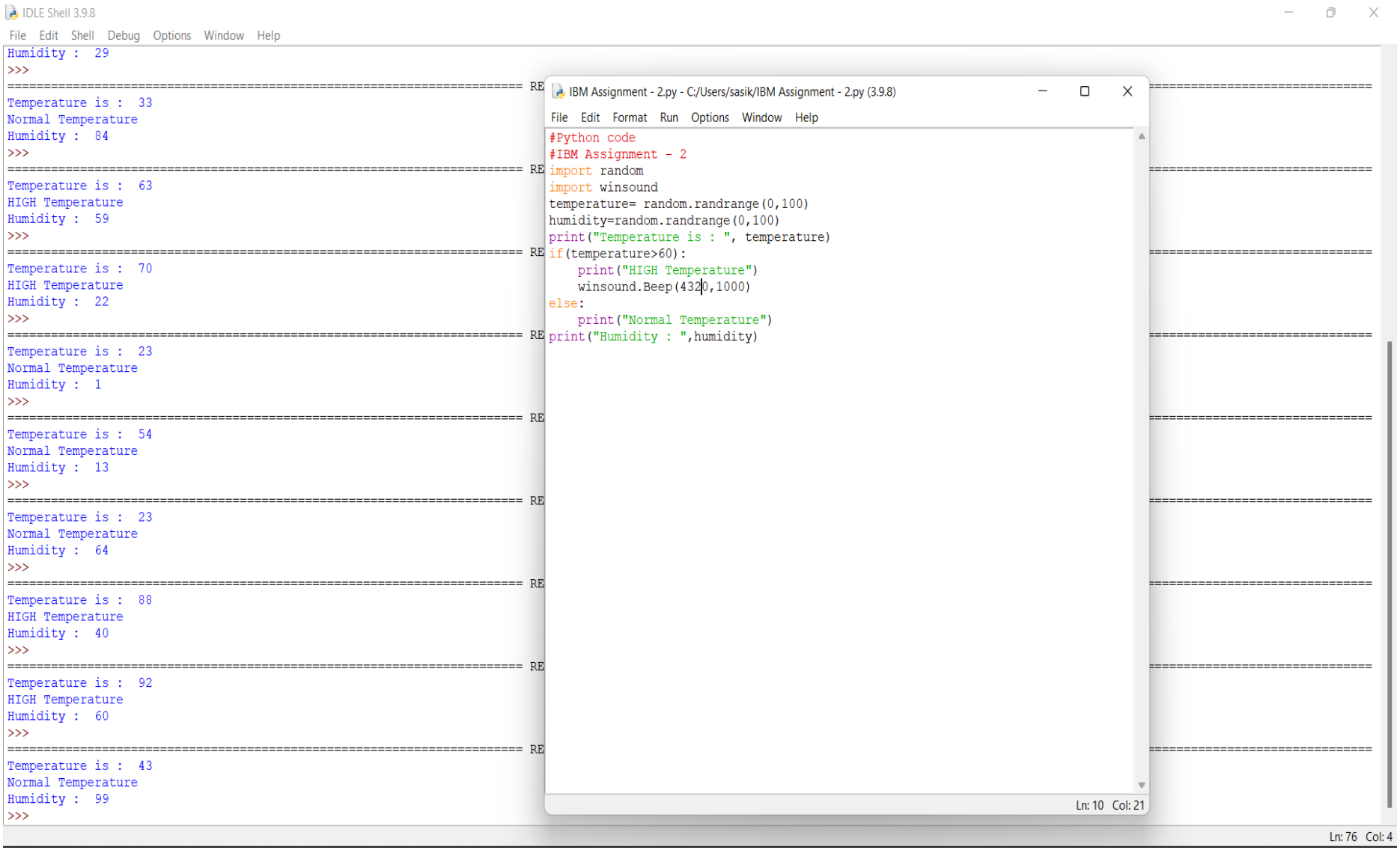
Write a program to detect high temperature.

SOLUTION:

CODE:

```
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:


IDLE Shell 3.9.8
File Edit Shell Debug Options Window Help
Humidity : 29
>>>
========== RE
Temperature is : 33
Normal Temperature
Humidity : 84
>>>
========== RE
Temperature is : 63
HIGH Temperature
Humidity : 59
>>>
========== RE
Temperature is : 70
HIGH Temperature
Humidity : 22
>>>
========== RE
Temperature is : 23
Normal Temperature
Humidity : 1
>>>
========== RE
Temperature is : 54
Normal Temperature
Humidity : 13
>>>
========== RE
Temperature is : 23
Normal Temperature
Humidity : 64
>>>
========== RE
Temperature is : 88
HIGH Temperature
Humidity : 40
>>>
========== RE
Temperature is : 92
HIGH Temperature
Humidity : 60
>>>
========== RE
Temperature is : 43
Normal Temperature
Humidity : 99
>>>
IBM Assignment - 2.py - C:/Users/sasik/IBM Assignment - 2.py (3.9.8)
File Edit Format Run Options Window Help
#Python code
#IBM Assignment - 2
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)
Ln: 10 Col: 21
Ln: 76 Col: 4