ASSIGNMENT NO:2

Temperature and humidity detection

Done by
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TASK:

Build python code, Generate Temperature and Humidity values (Use Random function to generate values) and write a condition to detect an alarm in case of high temperature and humidity.
For ex: Temperature is greater than 30C play alarm sound and same for humidity.
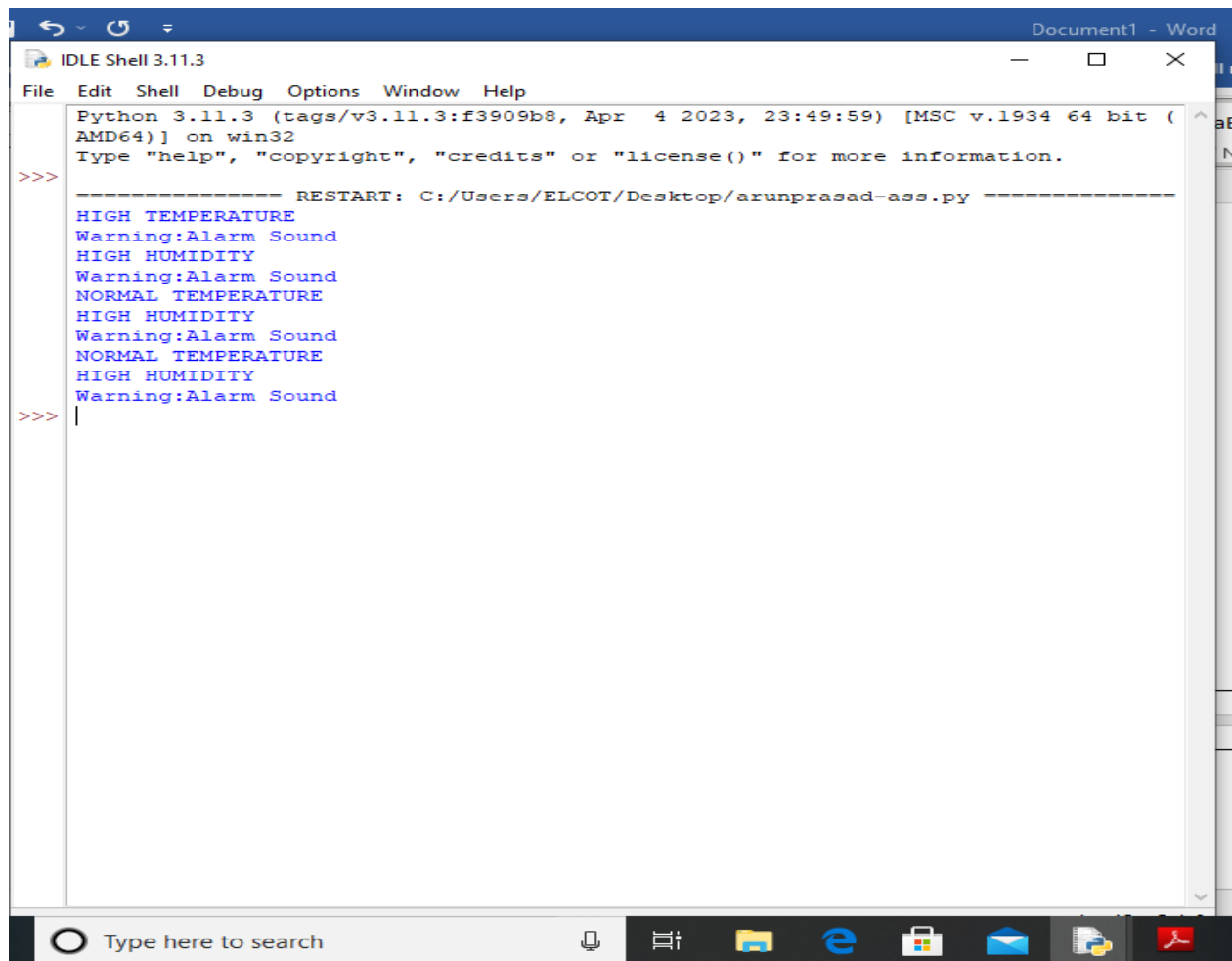
CODING:

```
import random

import winsound

for i in range(3):

  temperature=random.randint(-15,100)

  humidity=random.randint(10,50)

  if(temperature>35):

    print("HIGH TEMPERATURE")

    print("Warning:Alarm Sound")

    winsound.Beep(1000,3000)

  else:

    print("NORMAL TEMPERATURE")
```

```python
if(humidity>30):

    print("HIGH HUMIDITY")

    print("Warning:Alarm Sound")

    winsound.Beep(1000,3000)

else:

    print("NORMAL HUMIDITY")
```

OUTPUT:

The output of this source code is shown below.