# Assignment - 2

| Team ID | PNT2022TMID16859 |
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**Description :**

**This is our assignment assigned on Day – 6**

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

CODE:

```
import random

i=1

while(i<=7):

  a=random.randint(20,200)

  b=random.randint(20,100)

  print(f'Day {i}')

  print(f'Temperature:{a} )

  print(f'Humidity   :{b} )

  if a>80:

   if b>80:

     print("HAZARD PREDICTED... ")
```

```
        else:

            print("HIGH TEMPERATURE ")

        elif a==80:

            print("TEMPERATURE HIGH ")

        else:

            print("ALL GOOD ")

        i=i+1

        print(end="\n")
```
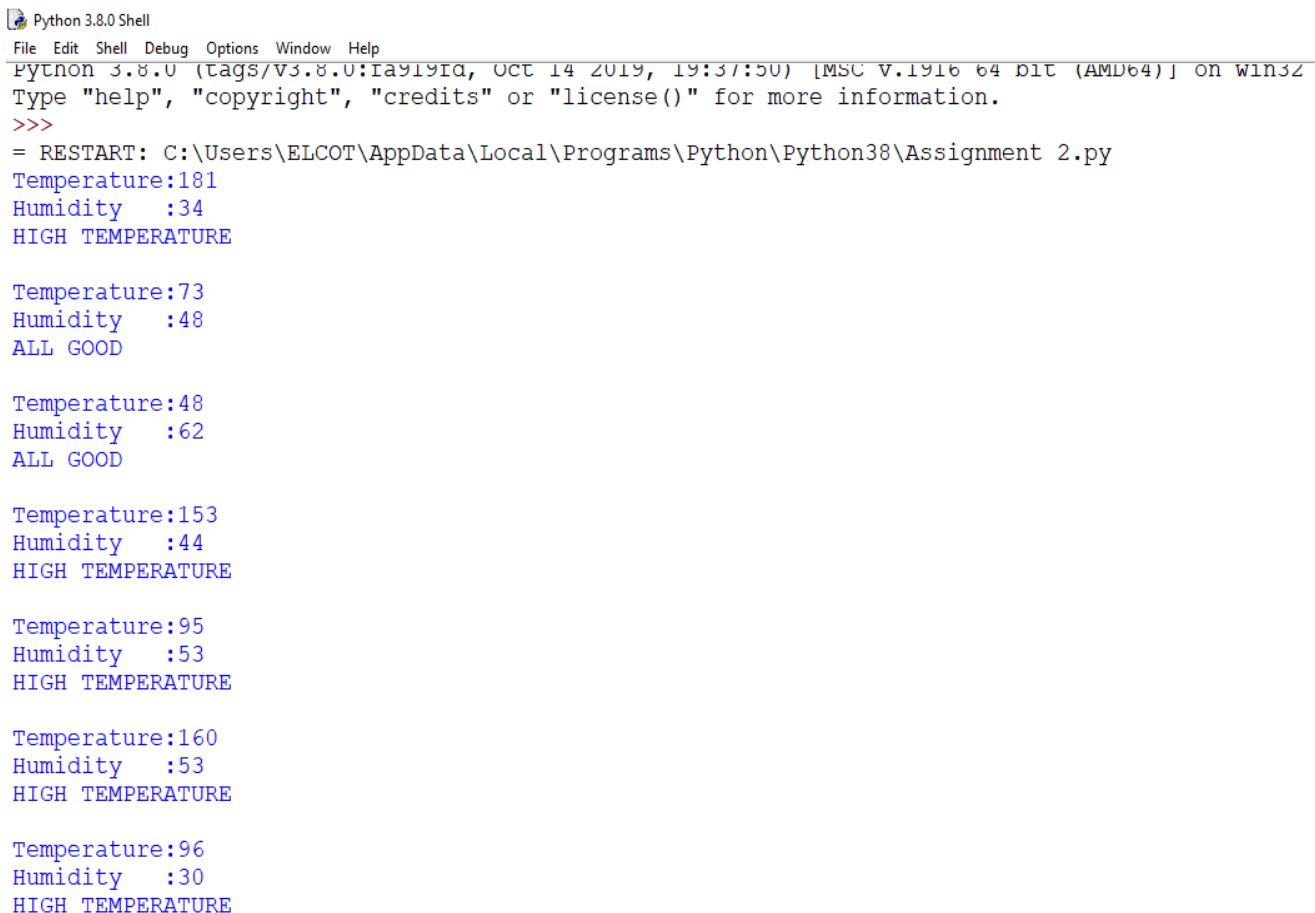
### OUTPUT 1

```
Python 3.8.0 Shell
File  Edit  Shell  Debug  Options  Window  Help
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:37:50) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\ELCOT\AppData\Local\Programs\Python\Python38\Assignment 2.py
Temperature:181
Humidity   :34
HIGH TEMPERATURE

Temperature:73
Humidity   :48
ALL GOOD

Temperature:48
Humidity   :62
ALL GOOD

Temperature:153
Humidity   :44
HIGH TEMPERATURE

Temperature:95
Humidity   :53
HIGH TEMPERATURE

Temperature:160
Humidity   :53
HIGH TEMPERATURE

Temperature:96
Humidity   :30
HIGH TEMPERATURE
```

## OUTPUT 2

```
Python 3.8.0 (tags/v3.8.0:1a919fd, Oct 14 2019, 19:37:50) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
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= RESTART: C:\Users\ELCOT\AppData\Local\Programs\Python\Python38\Assignment 2.py
Temperature:181
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Temperature:48
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Temperature:153
Humidity   :44
HIGH TEMPERATURE

Temperature:95
Humidity   :53
HIGH TEMPERATURE

Temperature:160
Humidity   :53
HIGH TEMPERATURE

Temperature:96
Humidity   :30
HIGH TEMPERATURE
```