

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 Shell
File Edit Shell Debug Options Window Help
Python 3.8.0 (tags/v3.8.0:1a9191d, Oct 14 2019, 19:37:50) [MSC v.1916 64 bit (AMD64)] on win32
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Temperature:160
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HIGH TEMPERATURE

Temperature:96
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```