

ASSIGNMENT -2

PROGRAM:

```
from random import *
from time import *
t=sample(range(100,200),100)
h=sample(range(10,90),10)
print("Temperature:",t)
print("Humidity:",h)
for i in t:
    if(i>140):
        print("WARNING!!! The temperature is high...")
        sleep(1)
    else:
        print("The temperature is normal")
        sleep(1)
```

OUTPUT:

Temperature: [179, 173, 174, 113, 115, 136, 147, 195, 116, 145, 191, 118, 112, 188, 162, 158, 109, 126, 137, 142, 175, 133, 182, 104, 187, 199, 144, 159, 171, 163, 119, 125, 105, 178, 130, 157, 139, 148, 111, 117, 168, 132, 141, 100, 107, 192, 156, 110, 194, 165, 186, 103, 152, 170, 106, 123, 185, 143, 146, 161, 140, 177, 122, 101, 102, 184, 160, 153, 138, 128, 108, 183, 127, 180, 155, 135, 134, 114, 131, 164, 167, 154, 176, 121, 196, 149, 150, 166, 124, 129, 151, 120, 169, 190, 198, 181, 172, 189, 193, 197]

Humidity: [68, 61, 49, 50, 22, 14, 55, 23, 12, 74]

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