

ASSIGNMENT – 2

CODING:

```
import random
#Condition to check continuously
while(True):
    #Input Values
    T = random.randint(-40,100)
    H = random.randint(0,100)
    print("Temperature = ",T)
    print("Humidity = ",H)

#Condition for Alarm

    if T>90:
        if H>95:
            print("Hazard... Alarm On with Max sound")
        else:
            print("High Temperature... Alarm On")
    elif T==90:
        print("Temp at Max level... Alarm On")
    else:
        print("Normal... No Alarm")
```

```
"IDLE Shell 3.10.7"
File Edit Shell Debug Options Window Help

Humidity = 7
Normal... No Alarm
Temperature = -30
Humidity = 5
Normal... No Alarm
Temperature = 9
Humidity = 37
Normal... No Alarm
Temperature = 78
Humidity = 36
Normal... No Alarm
Temperature = 94
Humidity = 78
High Temperature... Alarm On
Temperature = 4
Humidity = 50
Normal... No Alarm
Temperature = 30
Humidity = 13
Normal... No Alarm
Temperature = 4
Humidity = 14
Normal... No Alarm
Temperature = -11
Humidity = 33
Normal... No Alarm
Temperature = 67
Humidity = 19
Normal... No Alarm
Temperature = 30
Humidity = 5
Normal... No Alarm
Temperature = 49
Humidity = 13
Normal... No Alarm
Temperature = -19
Humidity = 9
Normal... No Alarm
Temperature = 23
Humidity = 46
Normal... No Alarm
Temperature = 24
Humidity = 7
Normal... No Alarm
Temperature = -34
Humidity = 83
Normal... No Alarm
```

Ln: 386766 Col: 0

Type here to search

30°C Light rain 1936 27-09-2022 ENG