

```

import random
#Condition to check continuously
while(True):
    #Input Values
    T = random.randint(-20,100)
    H = random.randint(0,100)
    print("Temperature_Value = ",T)
    print("Humidity_Value = ",H)

```

#Condition for Alarm

```

if T>90:
    if H>70:
        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... Alarm Off")

```

```

*IDLE Shell 3.10.7*
File Edit Shell Debug Options Window Help
Temperature_Value = 26
Humidity_Value = 37
Normal... Alarm Off
Temperature_Value = 68
Humidity_Value = 35
Normal... Alarm Off
Temperature_Value = 38
Humidity_Value = 59
Normal... Alarm Off
Temperature_Value = 65
Humidity_Value = 78
Normal... Alarm Off
Temperature_Value = 44
Humidity_Value = 30
Normal... Alarm Off
Temperature_Value = 42
Humidity_Value = 24
Normal... Alarm Off
Temperature_Value = 73
Humidity_Value = 59
Normal... Alarm Off
Temperature_Value = -10
Humidity_Value = 38
Normal... Alarm Off
Temperature_Value = 49
Humidity_Value = 34
Normal... Alarm Off
Temperature_Value = 33
Humidity_Value = 71
Normal... Alarm Off
Temperature_Value = -11
Humidity_Value = 79
Normal... Alarm Off
Temperature_Value = -13
Humidity_Value = 84
Normal... Alarm Off
Temperature_Value = 48
Humidity_Value = 30
Normal... Alarm Off
Temperature_Value = 71
Humidity_Value = 8
Normal... Alarm Off
Temperature_Value = 15
Humidity_Value = 57
Normal... Alarm Off
Temperature_Value = -16

```

Ln: 162 Col: 0

30°C Light rain 19:20 27-09-2022