

```

import random
#Condition to check continuously
while(True):
    #Input Values
    T = random.randint(-10,100)
    H = random.randint(0,100)
    print("Temperature_Value = ",T)
    print("Humidity_Value = ",H)

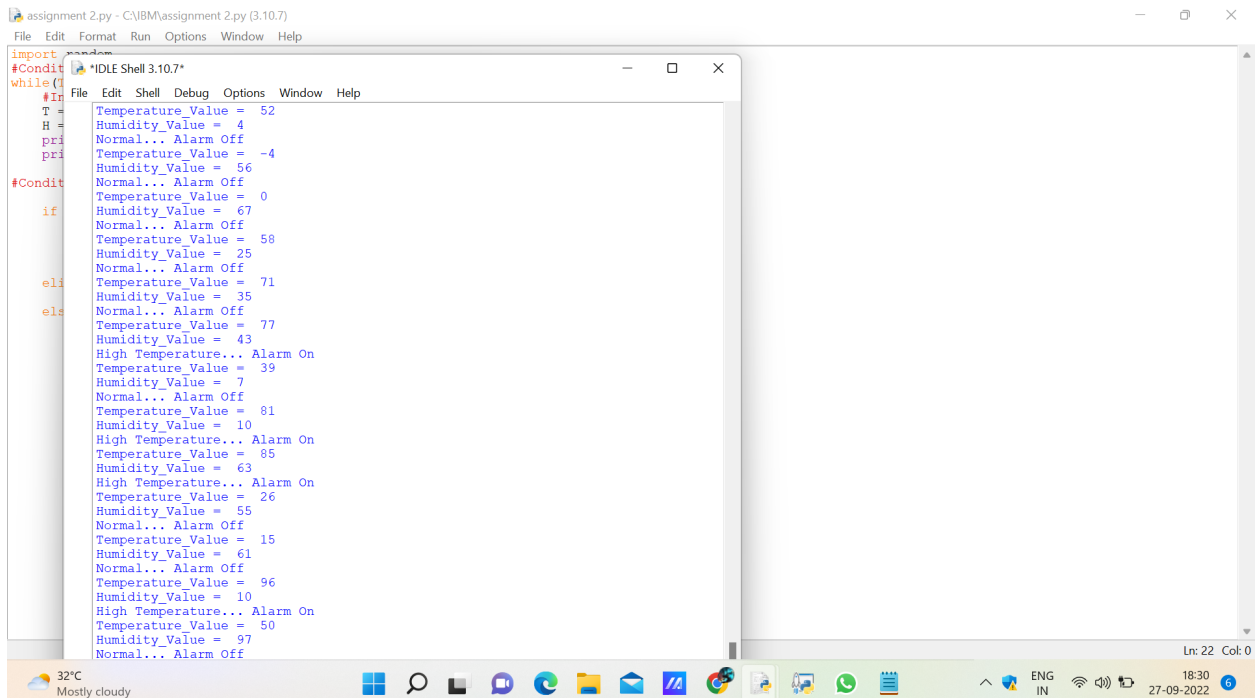
```

#Condition for Alarm

```

if T>75:
    if H>70:
        print("Hazard... Alarm On with Max sound")
    else:
        print("High Temperature... Alarm On")
elif T==75:
    print("Temp at Max level... Alarm On")
else:
    print("Normal... Alarm Off")

```



```

assignment 2.py - C:\IBM\assignment 2.py (3.10.7)
File Edit Format Run Options Window Help
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
import random
#Condition to check continuously
while(True):
    #Input Values
    T = random.randint(-10,100)
    H = random.randint(0,100)
    print("Temperature_Value = ",T)
    print("Humidity_Value = ",H)
#Condition for Alarm
if T>75:
    if H>70:
        print("Hazard... Alarm On with Max sound")
    else:
        print("High Temperature... Alarm On")
elif T==75:
    print("Temp at Max level... Alarm On")
else:
    print("Normal... Alarm Off")

```

Temperature_Value = 52
Humidity_Value = 4
Normal... Alarm Off
Temperature_Value = -4
Humidity_Value = 56
Normal... Alarm Off
Temperature_Value = 0
Humidity_Value = 67
Normal... Alarm Off
Temperature_Value = 58
Humidity_Value = 25
Normal... Alarm Off
Temperature_Value = 71
Humidity_Value = 35
Normal... Alarm Off
Temperature_Value = 77
Humidity_Value = 43
High Temperature... Alarm On
Temperature_Value = 39
Humidity_Value = 7
Normal... Alarm Off
Temperature_Value = 81
Humidity_Value = 10
High Temperature... Alarm On
Temperature_Value = 85
Humidity_Value = 63
High Temperature... Alarm On
Temperature_Value = 26
Humidity_Value = 55
Normal... Alarm Off
Temperature_Value = 15
Humidity_Value = 61
Normal... Alarm Off
Temperature_Value = 96
Humidity_Value = 10
High Temperature... Alarm On
Temperature_Value = 50
Humidity_Value = 97
Normal... Alarm Off

Ln: 22 Col: 0

32°C Mostly cloudy 18:30 27-09-2022

```
assignment 2.py - C:\IBM\assignment 2.py (3.10.7)
File Edit Format Run Options Window Help
import sys
#Condition 1
while True:
    #Input
    T = Temperature_Value = 94
    H = Humidity_Value = 0
    print("High Temperature... Alarm On")
    print(Temperature_Value = 59)
    print(Humidity_Value = 94)
#Condition 2
    Normal... Alarm Off
    Temperature_Value = -1
    Humidity_Value = 31
    Normal... Alarm Off
    Temperature_Value = 51
    Humidity_Value = 90
    Normal... Alarm Off
    Temperature_Value = 10
    Humidity_Value = 93
    Normal... Alarm Off
    Temperature_Value = -4
    Humidity_Value = 46
    Normal... Alarm Off
    Temperature_Value = 19
    Humidity_Value = 4
    Normal... Alarm Off
    Temperature_Value = 72
    Humidity_Value = 43
    Normal... Alarm Off
    Temperature_Value = 66
    Humidity_Value = 64
    Normal... Alarm Off
    Temperature_Value = -3
    Humidity_Value = 94
    Normal... Alarm Off
    Temperature_Value = -4
    Humidity_Value = 85
    Normal... Alarm Off
    Temperature_Value = 22
    Humidity_Value = 92
    Normal... Alarm Off
    Temperature_Value = 17
    Humidity_Value = 90
    Normal... Alarm Off
```

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