

"Build a python code, assume u get temp and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature"

```
#temperature searching
while(gate):
```

```
    temperature = random.randint(0,50)
```

```
    humidity = random.randint(10,50)
```

```
    if temperature>45 and humidity<50:
```

```
        print("Temperature =",temperature,"Humidity =",humidity)
```

```
        print("Alert message in Activate")
```

```
        gate=False
```

```
    else:
```

```
        print("Temperature =",temperature,"Humidity",humidity)
        sleep(1);
```

Temperature	Humidity	Alert
10	10	No
15	15	No
20	20	No
25	25	No
30	30	No
35	35	No
40	40	No
45	45	No
46	40	Yes
47	41	Yes
48	42	Yes
49	43	Yes
50	44	Yes
51	45	Yes
52	46	Yes
53	47	Yes
54	48	Yes
55	49	Yes
56	50	Yes
57	51	Yes
58	52	Yes
59	53	Yes
60	54	Yes
61	55	Yes
62	56	Yes
63	57	Yes
64	58	Yes
65	59	Yes
66	60	Yes
67	61	Yes
68	62	Yes
69	63	Yes
70	64	Yes
71	65	Yes
72	66	Yes
73	67	Yes
74	68	Yes
75	69	Yes
76	70	Yes
77	71	Yes
78	72	Yes
79	73	Yes
80	74	Yes
81	75	Yes
82	76	Yes
83	77	Yes
84	78	Yes
85	79	Yes
86	80	Yes
87	81	Yes
88	82	Yes
89	83	Yes
90	84	Yes
91	85	Yes
92	86	Yes
93	87	Yes
94	88	Yes
95	89	Yes
96	90	Yes
97	91	Yes
98	92	Yes
99	93	Yes
100	94	Yes

WARNING: Temperature of sensor, Current Readings: Temp: 46, Hum: 40 (10-50/10-50)

Follow [this link](#) for video in operation

```
Temperature = 10 Humidity 10
Temperature = 15 Humidity 15
Temperature = 20 Humidity 20
Temperature = 25 Humidity 25
Temperature = 30 Humidity 30
Temperature = 35 Humidity 35
Temperature = 40 Humidity 40
Temperature = 45 Humidity 45
Temperature = 46 Humidity 40
Temperature = 47 Humidity 41
Temperature = 48 Humidity 42
Temperature = 49 Humidity 43
Temperature = 50 Humidity 44
Temperature = 51 Humidity 45
Temperature = 52 Humidity 46
Temperature = 53 Humidity 47
Temperature = 54 Humidity 48
Temperature = 55 Humidity 49
Temperature = 56 Humidity 50
Temperature = 57 Humidity 51
Temperature = 58 Humidity 52
Temperature = 59 Humidity 53
Temperature = 60 Humidity 54
Temperature = 61 Humidity 55
Temperature = 62 Humidity 56
Temperature = 63 Humidity 57
Temperature = 64 Humidity 58
Temperature = 65 Humidity 59
Temperature = 66 Humidity 60
Temperature = 67 Humidity 61
Temperature = 68 Humidity 62
Temperature = 69 Humidity 63
Temperature = 70 Humidity 64
Temperature = 71 Humidity 65
Temperature = 72 Humidity 66
Temperature = 73 Humidity 67
Temperature = 74 Humidity 68
Temperature = 75 Humidity 69
Temperature = 76 Humidity 70
Temperature = 77 Humidity 71
Temperature = 78 Humidity 72
Temperature = 79 Humidity 73
Temperature = 80 Humidity 74
Temperature = 81 Humidity 75
Temperature = 82 Humidity 76
Temperature = 83 Humidity 77
Temperature = 84 Humidity 78
Temperature = 85 Humidity 79
Temperature = 86 Humidity 80
Temperature = 87 Humidity 81
Temperature = 88 Humidity 82
Temperature = 89 Humidity 83
Temperature = 90 Humidity 84
Temperature = 91 Humidity 85
Temperature = 92 Humidity 86
Temperature = 93 Humidity 87
Temperature = 94 Humidity 88
Temperature = 95 Humidity 89
Temperature = 96 Humidity 90
Temperature = 97 Humidity 91
Temperature = 98 Humidity 92
Temperature = 99 Humidity 93
Temperature = 100 Humidity 94
```

Alert message in Activate

Please enter the Humidity value

Please enter the Temperature value

or or

None

Your Temperature is high compare to normal days

Your Humidity is high compare to normal days

or or

Warning: Humidity also with high 0

OUTPUT