

## Assignment 2

**Build a python code assume u get a temperature and humidity values and write a condition to continuously detect alarm in case of high temperature**

**Program:**

```
#from machine import Pin

import random

from time import sleep

#btn=Pin(4,Pin.IN)

while True:

    temp = random.randint(1,100)

    print("current temp=", temp)

    humid = random.randint(1,100)

    print("current humid=", humid)

    if(temp>= 50 and humid<35):

        print("Alarm On")

    else:

        print("Alarm Off")

    sleep(2)
```

**O/P**



ass 2.py x

```
1 #from machine import Pin
2 import random
3 from time import sleep
4 #btn=Pin(4,Pin.IN)
5 while True:
6     temp = random.randint(1,100)
7     print("current temp=", temp)
8     humid = random.randint(1,100)
9     print("current humid=", humid)
10    if(temp>= 50 and humid<35):
11        print("Alarm On")
12    else:
13        print("Alarm Off")
14    sleep(2)
```

Assistant x

**IndentationError: expected**  
[ass 2.py, line 6](#)

*No specific suggestions for this error*

- ⊞ Let Thonny developers know
- ⊞ Search the web

#### Warnings

*May help you find the cause of the error*

[ass 2.py](#)

- ⊞ [Line 6](#): expected an indenter

Shell x

```
Alarm Off
current temp= 36
current humid= 60
Alarm Off
current temp= 18
current humid= 92
Alarm Off
```