

## Assignment -2

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Maximum Marks	2 Marks

### Question-1:

Assume u get temperature and humidity values and write a condition to continuously detect alarm in case of high temperature

### ASSIGNMENT-2

```
import random

while(True):

    hum =random.randint(10,99)
    temp =random.randint(10,99)
    print("current hum:",hum,"Percentage")
    print("current temp:",temp,"Degree Celsius")
    hum_ref =80
    temp_ref =25
    if hum < hum_ref and temp > temp_ref:
        print("Alarm On")
    else:
        print("Alarm off")
        break
```

main.py	<div><div></div><div></div><div>Run</div></div>	Shell <div>Clear</div>
<pre>1 #Online python compiler (interpreter) to run python online. 2 import random 3 while(True): 4     hum =random.randint(10,99) 5     temp =random.randint(10,99) 6     print("current hum:",hum,"Percentage") 7     print("current temp:",temp,"Degree Celsius") 8     hum_ref =80 9     temp_ref =25 10 if hum &lt; hum_ref and temp &gt; temp_ref: 11     print("Alarm On") 12 else: 13     print("Alarm off") 14 break 15 16</pre>		<pre>current hum: 75 Percentage current temp: 37 Degree Celsius Alarm On &gt; </pre>