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
```

```python
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 < hum_ref and temp > temp_ref:
11        print("Alarm On")
12    else:
13        print("Alarm off")
14    break
15
16
```

main.py   Run

Shell   Clear

```
current hum: 75 Percentage
current temp: 37 Degree Celsius
Alarm On
>
```