

Assignment-2

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- 2) Build a python code, Assume u get temperature and humidity values (generated with a random function to variable) and write a condition to detect an alarm in case of high temperature continuously.

```
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>35 and b>60):
6         print("high temperature and humidity of :",a,b,"%","alarm is on")
7     elif(a<35 and b<60):
8         print("normal temperature and humidity of :",a,b,"%","alarm is off")
9         break
```

input

```
high temperature and humidity of : 81 91 % alarm is on
high temperature and humidity of : 84 76 % alarm is on
high temperature and humidity of : 95 97 % alarm is on
high temperature and humidity of : 82 96 % alarm is on
normal temperature and humidity of : 26 21 % alarm is off
```

```
..Program finished with exit code 0
```

```
Press ENTER to exit console.
```