ASSIGNMENT -2

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

Program

```
import random
while(True):
  temp=random.randint(10,99)
  humid=random.randint(10,99)
  print("current temperature:",temp)
  print("current humidity:",humid,"%")
  temp_ref=37
  humid_ref=35
  if temp>temp_ref andhumid<humid_ref:
     print("Sound alarm")
  else:
     print("Sound off")
  break
```

OUTPUT:

```
LOW TEMPERATURE &ALARM TURNS OFF
13
24
LOW TEMPERATURE &ALARM TURNS OFF
24
45
LOW TEMPERATURE &ALARM TURNS OFF
13
61
LOW TEMPERATURE &ALARM TURNS OFF
2
61
HIGH TEMPERATURE & ALARM TRIGGERS
30
77
HIGH TEMPERATURE & ALARM TRIGGERS
24
77
LOW TEMPERATURE &ALARM TURNS OFF
42
67
HIGH TEMPERATURE & ALARM TRIGGERS
14
34
LOW TEMPERATURE &ALARM TURNS OFF
29
6
LOW TEMPERATURE &ALARM TURNS OFF
42
89
HIGH TEMPERATURE & ALARM TRIGGERS
40
53
HIGH TEMPERATURE & ALARM TRIGGERS
39
96
HIGH TEMPERATURE & ALARM TRIGGERS
14
31
LOW TEMPERATURE &ALARM TURNS OFF
14
```

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