Assignment Date	25 October 2022
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Question:

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.

Solution:

```
import random while
True:
a=random.uniform(90,105)
b=random.uniform(0.3,1)
if a>95: if a>=100: if
b>0.5: print(a) print(b)
print("HIGH TEMPERATURE AND HIGH
HUMIDITY") print("ALARM BEEP") else:
print(a)
print(b)
print("HIGH TEMPERATURE")
print("ALARM BEEP") else:
print(a) print(b)
print("NORMAL TEMPERATURE")
else:
print(a) print(b)
print("LOW TEMPERATURE")
```

```
93.64860317363996
0.383528688812213
LOW TEMPERATURE
104.87104261577726
0.6043909182566612
HIGH TEMPERATURE AND HIGH HUMIDITY
ALARM BEEP
101.31340117522765
0.9931847567588781
HIGH TEMPERATURE AND HIGH HUMIDITY
ALARM BEEP
104.9696038469245
0.4859139178600701
HIGH TEMPERATURE
ALARM BEEP
102.21139205746324
0.4210314522106651
HIGH TEMPERATURE
ALARM BEEP
91.11605786446727
0.6018135656937662
LOW TEMPERATURE
90.96462970875567
0.8865532973593198
LOW TEMPERATURE
100.97464921372499
0.36759015388877364
HIGH TEMPERATURE
ALARM BEEP
101.77966838965443
0.6465421789587585
HIGH TEMPERATURE AND HIGH HUMIDITY
ALARM BEEP
103.16144461288233
0.5249687862343988
HIGH TEMPERATURE AND HIGH HUMIDITY
ALARM BEEP
```