Assignment 2

Date	28 October 2022
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Question:

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

Code:

```
import random

i=1


while(i<=7):

    a=random.randint(20,200)


    b=random.randint(20,100)
print(f'Day {i}')
    print(f'Temperature:{a} )
print(f'Humidity   :{b} )
    if a>80:
      if b>80:
print("HAZARD PREDICTED... ")
      else:
print("HIGH TEMPERATURE ")
elif a==80:
print("TEMPERATURE HIGH ")
    else:
print("ALL GOOD ")
i=i+1
```

```
print(end="\n")
```

Output:

```
= RESTART: C:\Users\ELCOT\AppData\Local\Programs\Python\Python38\Assignment 2.py
Temperature:181
Humidity   :34
HIGH TEMPERATURE

Temperature:73
Humidity   :48
ALL GOOD

Temperature:48
Humidity   :62
ALL GOOD

Temperature:153
Humidity   :44
HIGH TEMPERATURE

Temperature:95
Humidity   :53
HIGH TEMPERATURE

Temperature:160
Humidity   :53
HIGH TEMPERATURE
```