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.

Code:

```python
import random
import time

while (1):
    temperature = random.randint(0, 100)
    humidity = random.randint(0, 100)
    if temperature>60 and humidity>60:
        print ("ALERT!! Detected temperature: "+str(temperature)+"°C"+" "+"Detected humidity: "+str(humidity))
    elif temperature > 60:
        print("ALERT!! Detected temperature: " + str(temperature) + "°C")
    elif humidity > 60:
        print("ALERT!! Detected humidity: "+str(humidity))
    time.sleep(1)
```

```
Python 3.9 (64-bit)                                                                    —  □  ✕

ython 3.9.5 (tags/v3.9.5:0a7dcbd, May  3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32
ype "help", "copyright", "credits" or "license" for more information.
>> import random
>> import time
>>
>> while (1):
..  temperature = random.randint(0, 100)
..  humidity = random.randint(0, 100)
..  if temperature>60 and humidity>60:
..      print ("ALERT!! Detected temperature: "+str(temperature)+"°C"+" "+"Detected humidity: "+str(humidity))
..  elif temperature>60:
..      print("ALERT!! Detected temperature: " + str(temperature) + "°C")
..  elif humidity>60:
..      print("ALERT!! Detected humidity: "+str(humidity))
..  time.sleep(1)
..
LERT!! Detected humidity: 93
LERT!! Detected temperature: 98°C
LERT!! Detected humidity: 68
LERT!! Detected humidity: 64
LERT!! Detected temperature: 79°C Detected humidity: 61
LERT!! Detected humidity: 73
LERT!! Detected temperature: 75°C Detected humidity: 62
LERT!! Detected humidity: 88
```