```python
"""              ASSIGNMENT-2
                 PYTHON PROGRAMMING
                 ASSIGNMENT DATE: 19.09.2022
                 STUDENT ROLL NO: 722819104156


Question-1:
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
import time
while (1):
 temperature= random.randint(0, 100)
 humidity_value = random.randint(0, 100)
 if temperature>60 and humidity_value>60:
     print("ALERT!! The detected Temperature value is: "+str(temperature)+"°C"+""+"The detected humidity value is:  "+str(humidity_value))
 elif temperature > 60:
     print("ALERT!!The detected Temperature value is:" + str(temperature) + "°C")
 elif humidity_value > 60:
     print("ALERT!! The detected humidity value is: "+str(humidity_value))
 time.sleep(1)
```

```
Python 3.8.3 (tags/v3.8.3:6f8c832, May 13 2020, 22:37:02) [MSC v.1924 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:/Users/Vaijayanth/AppData/Local/Programs/Python/Python38/ppt.py ==
ALERT!!The detected Temperature value is:68°C
ALERT!! The detected Temperature value is: 80°CThe detected humidity value is:  76
ALERT!! The detected Temperature value is: 89°CThe detected humidity value is:  90
ALERT!!The detected Temperature value is:92°C
ALERT!! The detected humidity value is: 84
ALERT!!The detected Temperature value is:77°C
ALERT!! The detected Temperature value is: 72°CThe detected humidity value is:  76
ALERT!!The detected Temperature value is:80°C
ALERT!!The detected Temperature value is:71°C
ALERT!!The detected Temperature value is:98°C
ALERT!! The detected Temperature value is: 93°CThe detected humidity value is:  94
ALERT!! The detected Temperature value is: 92°CThe detected humidity value is:  68
ALERT!! The detected humidity value is: 70
ALERT!!The detected Temperature value is:62°C
ALERT!! The detected Temperature value is: 100°CThe detected humidity value is:  99
ALERT!! The detected Temperature value is: 83°CThe detected humidity value is:  83
ALERT!!The detected Temperature value is:66°C
ALERT!! The detected humidity value is: 87
ALERT!!The detected Temperature value is:65°C
ALERT!! The detected humidity value is: 86
ALERT!! The detected humidity value is: 78
ALERT!! The detected Temperature value is: 94°CThe detected humidity value is:  83
ALERT!! The detected Temperature value is: 77°CThe detected humidity value is:  65
ALERT!!The detected Temperature value is:94°C
ALERT!! The detected humidity value is: 76
```