Assignment -2
Python Programming

Assignment Date	26 September 2022
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Maximum Marks	2 Marks

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:

CODE:

```
a       = int (input(" enter temperature = "))
if a>75 :
        print(" ALARM DETECTED ")
else:
        print(" ALARM NOT DETECTED ")


b       = int (input(" enter humidity = "))
if b>70:           print(" ALARM DETECTED
")        else:
        print(" ALARM NOT DETECTED ")
```

OUTPUT:

File   Edit   Shell   Debug   Options   Window   Help

```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep  5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
============== RESTART: D:/python/TEMPERATURE HUMIDITY ASSIGNMENT ==============
 enter temperature = 82
 ALARM DETECTED
 enter humidity = 75
 ALARM DETECTED
>>>
=============== RESTART: D:/python/TEMPERATURE HUMIDITY ASSIGNMENT ===============
 enter temperature = 64
 ALARM NOT DETECTED
 enter humidity = 50
 ALARM NOT DETECTED
>>>
=============== RESTART: D:/python/TEMPERATURE HUMIDITY ASSIGNMENT ===============
 enter temperature = 90
 ALARM DETECTED
 enter humidity = 68
 ALARM NOT DETECTED
>>>
=============== RESTART: D:/python/TEMPERATURE HUMIDITY ASSIGNMENT ===============
 enter temperature = 45
 ALARM NOT DETECTED
 enter humidity = 81
 ALARM DETECTED
>>>
```