Assignment -2 Python Programming

Question-1:

Build a python code ,assume you get temperature and humidity values (generated from random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Solution:

```
import random
temperature-random.randint(32,212)
humidity-random.randint(1,100)

if (temperature>99 and humidity>50):

{
    print("Very high temperature(%d F) and very high humidity(%d):
        Alarm is ON" %(temperature, humidity))

} elif(temperature<97 and humidity<30):

{
    print("Ideal temperature(%d F) and humidity(%d): Alarm is OFF" %
        (temperature, humidity))

1 }

12 else:
13 - {
    print("Very low temperature(%d F) and very low humidity(%d):
        Alarm is ON" %(temperature, humidity))

15
16
}</pre>
```