1) Suppose you have a Person class as follows:
public class Person {
    private String name;
    private int age;

    public Person (String name, int age) {
        this.name = name;
        this.age = age;
    }

    // increases a Person’s age
    public void grow(int n)

    // returns a string with the Person’s info
    public String toString ()

    // like toString(), but **prints** the Person’s info
    public void printInfo ()
}

Suppose you want to use the Person class in a program that stores information about people. Show how to accomplish each of the following:

a) Declare (but not instantiate) an array named people that stores Person objects

b) Instantiate an array of 5 Person objects and assign it to people

c) Create a Person object for someone named Maddie who is 14, and store it as the first element in the array people

d) Supposing that the array people contains references to actual Person objects (like the one for Maddie), show how to use the toString() method to print out the name and age of the last person in the array.

e) Repeat using printInfo()

f) Grow everyone in people by 3 years.

g) Suppose the class also contains a getAge() method. Show how to use this to get the average age of the 5 Person objects in people