Core Java Basics – Part 1 Exercise

- Create a class 'Student' with three data members which are name, age and address. The constructor of the class assigns default values name as "unknown", age as '0' and address as "not available". It has two members with the same name 'setInfo'. First method has two parameters for name and age and assigns the same whereas the second method takes has three parameters which are assigned to name, age and address respectively. Print the name, age and address of 10 students.

- A person has his money deposited 100, 200 and 300 in banks 1, 2, & 3 respectively. We have to print the money deposited by him in a particular bank.
Create a class 'Bank' with a method 'getBalance' which returns 0. Make its three subclasses named Bank1, Bank2 and Bank3 with a method with the same name 'getBalance' which returns the amount deposited in that particular bank. Call the method 'getBalance' by the object of each of the three banks.

- Given a number N, the task is to print the following pattern:

```
Input : 10
Output :
          *
         * *
        * * *
       * * * *
      * * * * *
     * * * * * *
    * * * * * * *
   * * * * * * * *
  * * * * * * * * *
 * * * * * * * * * *


Input :5
Output :
      *
     * *
    * * *
   * * * *
  * * * * *
```

- Write a Java program to find the common elements between two arrays (string values)

****X***X***X****X****