Problem Statement:

You have been hired to develop a Java program that can perform some logical operations on a set of integers. Your task is to create a Java program that implements the following requirements:

1. The program must take input from the user in the form of a list of integers.
2. The program must be able to find and display the second largest number in the list of integers.
3. The program must be able to find and display the sum of all the odd numbers in the list of integers.
4. The program must be able to find and display the number of prime numbers in the list of integers.
5. The program must be able to find and display the common elements in two lists of integers.
6. The program must be able to find and display the number of occurrences of a given integer in the list.

You need to implement the following methods:

1. **getSecondLargest(int[] arr)** - This method should take an array of integers as input and return the second largest number in the array.
2. **getSumOfOddNumbers(int[] arr)** - This method should take an array of integers as input and return the sum of all the odd numbers in the array.
3. **getNumberOfPrimes(int[] arr)** - This method should take an array of integers as input and return the number of prime numbers in the array.
4. **getCommonElements(int[] arr1, int[] arr2)** - This method should take two arrays of integers as input and return an array containing the common elements in both arrays.
5. **getNumberOfOccurrences(int[] arr, int num)** - This method should take an array of integers and a number as input and return the number of occurrences of the given number in the array.

Your Java program should have a main method that takes user input and calls the above methods to perform the required operations on the list of integers. The program should display the results of the operations performed on the list of integers.