File & JUnit Test

1. Java program to copy files content to another.
2. Write a java program which writes your name, id, number of semester and cgpa into a file and then retrieves data from the file and shows it into the console.
3. Write a Java program to read the first N lines from a file and show them in the console. N should come from user input.
4. Given a file called numbers.txt, write a Java program to read the file and calculate the sum of the unique numbers and show them in the console.
5. Given a file called numbers.txt contains a list of numbers separated by space. Write a method isPrime(int num) and returns a true if the number is prime and false if the number is not a prime number. Now create a Junit test for this method to perform the necessary tests. In the main method Create an array list from numbers.txt and calculate the sum of all prime numbers. Use isPrime(int num) method to determine whether the number is prime or not.
6. Given a file called words.txt contains a list of words which can be repeated. Write a java program to count the frequency of each word and save it in a file called output.txt. The output.txt should contain unique words and their frequency in ascending order.