Assignment -5 Unit Testing with JUnit

Date of Assignment: 05/09/2024   **Date of Submission: 12/09/2024**

1. Write a Program to find a given number is prime number or not.
2. Write a Program to find the factorial of a given number.
3. Write a Program to search a given number from an array. If number is found, then give the index of the number if number is not found return -1.
4. Write a Program to find the average values from a given array falling in a given range specified by MIN and MAX.
5. Write a Program to find total number of digits, alphabets and special characters from a given string.
6. Write a program to accept a string and character, count occurrence of character if found else return -1.
7. Write a program to return count of elements which are divisible by 4,6,7,8 from an array of 10 elements.

Note: Prepare checklist and map respective points with Junit test code.