

Assignment -4 Unit Testing with JUnit

Date of Assignment: 17/03/2025

Date of Submission: 28/03/2025

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.
8. Write a program to find a number of files that have a “.txt” extension from the respective directory.
9. Write a program to find the sum of the first five elements from a Fibonacci series which are exactly divisible by 3.
10. Write a program which returns a count of Armstrong numbers from 1 to 1000.

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