ALGORITHMS ANALYSIS AND DESIGN 1

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Assignment 2

Semester: 3rd | Section: CSE 23412B3 | | Date: 13/09/2024

Recursive implementation of the following programs.

1. Write a JAVA program to find the sum of n numbers present in an array.
2. Write a JAVA program to find the maximum and minimum elements in an array.
3. Write a JAVA program to find the factorial of a given number.
4. Write a JAVA program to generate the n^{th} Fibonacci number.
5. Write a JAVA program to find the GCD of two given numbers.
6. Write a JAVA program to convert a given decimal number to its hexadecimal equivalent.
7. Write a JAVA program to compute the n^{th} power of a given number.
8. Given an unsorted array with both positive and negative elements, write a JAVA program to find the smallest positive number missing from the array.