

DSA Lab 1

Array Implementation

Task 1: Array Processing

1. Create an integer array of size 10.
2. Print the created array.
3. Insert 10 elements into array.
 - a. Static initialization
 - b. From command line
 - c. From user using Scanner class
4. Print the array
5. Find the sum and average of all elements

Task 2: DS operation on Array like insert, delete, search, sort, traverse

1. Create an integer array of size 10
2. Insert element into an array using function.
3. Delete element from an array
4. Search an element in array using function.
5. Sort the given array using function

Note : You have to define your own functions.