

Project: Write C++ program to Implement all the functions mentioned in the structure below:

Name: 1D Array Operations

Operations required one Array:

- Shifting Array Right
- Shifting Array to Left
- Rotate Array to Right
- Rotate Array to Left
- Insert Element in Array
- Delete Element from Array
- Search for an Element
- Summation of All Element
- Production of All Element
- Sorting
- Smallest
- Largest
- Reverse Elements
- Delete Duplicate Elements

Operations required two Array:

- Array Additons
- Array Subtraction
- Array Multiplication
- Array Division
- Merging Two Array in One Array