**Assignment 5**

1. Define the following terms
   1. Array
   2. One Dimenssion Array
   3. Two Dimenssion Array

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| [1. Accept a list of data items and find the second largest and second smallest elements in it](https://developerinsider.co/accept-a-list-of-data-items-and-find-the-second-largest-and-second-smallest-elements-in-it-c-language-programming/) |
| [2. Copy element of one array into another](https://developerinsider.co/copy-element-of-one-array-into-another-c-language-programming/) |
| [3. Cyclically permute the elements of an array](https://developerinsider.co/cyclically-permute-the-elements-of-an-array-c-language-programming/) |
| [4. Delete duplicate elements in an array](https://developerinsider.co/delete-duplicate-elements-in-an-array-c-language-programming/) |
| [5. Delete the specified integer from the list](https://developerinsider.co/delete-the-specified-integer-from-the-list-c-language-programming/) |
| [6. Find unique element in two arrays](https://developerinsider.co/find-unique-element-in-two-arrays-c-language-programming/) |
| [7. Minimum element location in array](https://developerinsider.co/minimum-element-location-in-array-c-language-programming/) |
| [8. Accept an array of 10 elements and swap 3rd element with 4th element using pointers](https://developerinsider.co/accept-an-array-of-10-elements-and-swap-3rd-element-with-4th-element-using-pointers-c-language-programming/) |
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1. [Program to find Average of nNumbers](https://www.studytonight.com/c/programs/numbers/average-of-n-numbers)
2. [Armstrong Number](https://www.studytonight.com/c/programs/numbers/armstrong-number-program)
3. [Checking input number for Odd or Even](https://www.studytonight.com/c/programs/numbers/checking-for-odd-or-even)
4. [Print Factors of a Number](https://www.studytonight.com/c/programs/numbers/factors-of-a-number)
5. [Find sum of n Numbers](https://www.studytonight.com/c/programs/numbers/sum-of-n-numbers)
6. [Print first n Prime Numbers](https://www.studytonight.com/c/programs/numbers/first-n-prime-numbers)
7. [Find Largest among n Numbers](https://www.studytonight.com/c/programs/numbers/finding-largest-among-n-numbers)
8. [Exponential without pow()](https://www.studytonight.com/c/programs/numbers/finding-exponential-without-pow()-method)
9. [Find whether number is int or float](https://www.studytonight.com/c/programs/numbers/input-number-is-int-or-float)
10. [Print Multiplication Table of input Number](https://www.studytonight.com/c/programs/numbers/multiplication-table-of-a-number)
11. [Reverse an Array](https://www.studytonight.com/c/programs/array/reverse-an-array)
12. [Insert Element to Array](https://www.studytonight.com/c/programs/array/inserting-an-element-in-array)
13. [Delete Element from Array](https://www.studytonight.com/c/programs/array/deleting-an-element-from-array)
14. [Largest and Smallest Element in Array](https://www.studytonight.com/c/programs/array/largest-and-smallest-element-in-array)
15. [Sum of N Numbers using Arrays](https://www.studytonight.com/c/programs/array/sum-of-n-numbers-using-arrays)
16. [Sort Array Elements](https://www.studytonight.com/c/programs/array/sort-array-element-program)
17. [Remove Duplicate Elements](https://www.studytonight.com/c/programs/array/remove-duplicate-element-program)
18. [Sparse Matrix](https://www.studytonight.com/c/programs/array/checking-for-sparse-matrix)
19. [Square Matrix](https://www.studytonight.com/c/programs/array/check-square-matrix-is-symmetric-or-not)
20. [Determinant of 2x2 matrix](https://www.studytonight.com/c/programs/array/determinant-of-2x2-matrix)
21. [Normal and Trace of Square Matrix](https://www.studytonight.com/c/programs/array/normal-and-trace-of-square-matrix)
22. [Addition and Subtraction of Matrices](https://www.studytonight.com/c/programs/array/addition-and-subtraction-of-matrices)
23. [Matrix Mulitplication](https://www.studytonight.com/c/programs/array/matrix-multiplication-program)