UCS 406
Assignment 1: Arrays

1. Program to Print the Alternate Elements in an Array
2. Program to Put Even & Odd Elements of an Array in 2 Separate Arrays
3. Program to Cyclically Permute the Elements of an Array
     e.g. Enter the value of the n = 4
     Enter the numbers   3, 40, 100, 68
     Cyclically permuted numbers are given below   40, 100, 68, 3
4. Program to print all the Repeated Numbers with Frequency in an Array
5. Program to do Linear Search and Binary Search
6. Program to do Bubble Sort
7. Program to do store the following matrices as linear array and then **perform searching** (based on row and column input)

   - lower/upper triangular
   - Symmetric
   - Tridiagonal

8. Program to do Matrix Addition