1. Given two integers, swap these two integers without using a subsidiary variable.
2. Write a program to input an array of integers using a pointer and find the maximum value of the array.
3. Write a program to input an array of real numbers using a pointer then compute the cumulative sum along the array.
    - Input: 1 2 3 4 5 6 7 8
    - output: 1 3 6 10 15 21 28 36
4. Write a program to input an NXN matrix of real numbers using dynamic allocation and pointers then do the following requirements:
    - Compute the maximum value of each row.
    - Compute the minimum value of each column.
    - Check if a matrix is a symmetric matrix or not.
5. Given a 2-D array size NxN, write a program using Dynamic allocation to do the following requirements:
    - Input the array.
    - Compute the average, min, and max values of each 1-D subarray of the array.
    - Standardize elements of each 1-D subarray by the following formula:
        - $new\_value = (old\_value - average) / (max - min)$
    - Round the average values to 2 decimal places using cout << setprecision( );