



**Q1.:** Write a C++ program that initializes an array of integers with the values 6, 3, 8, 9, 1, 0, and 4. Then, print out the values located at index 1 and index 4 of the array. Also, change the values of index 1 and 2 to 45 and 88 respectively, and print them.

**Q2.:** Write a program that copy all elements in array `first[]={"Saman", "Salar", "Sad", "Shwan", "Swren"}` to another array `names[]`.

**Q2.5 (H.W):** Update Q2 and exclude "Sad" to array `names[]`.

**Q3.:** Write a C++ program that find the largest number of the array `myArray[]={ 2.5 , -6.1 , 0.56 , 12.9 , -8.3 , 10.5 , 12.97}`.

**Q4.:** Write a C++ program that allows a user to input 6 numbers to an array and calculate the sum of numbers inside the array.

**Q5.:** Write a C++ program that initializes an array of integers with the values 7, -3, 8, 9, -1, 11, and -47. Then, check how many positive and negative numbers in that array.

**Q5.5:** Update the Q5 calculate positives and negative numbers separately.

**Q6 (H.W):** Update the Q5 to store positives and negatives in a different array.

**Q7.:** Write a C++ program that initializes an array of integers with the values 63, 76, 45, 77, 0, 110, and 55. Then, search if the array has zero element or not.