

## c-sharp

### HW #4

Write a C# program that does the following operations:

- ☐ Define an array of integers named **intArray** with size =10.
- ☐ Give **intArray** initial values in your program.

*Write a menu driven program with the following options:*

1. Read Array from the keyboard.
2. Print Array.
3. Print Array in Reverse order.
4. Element frequency: print out to the screen the number of occurrences for a certain element in array (the value of the element is read from the keyboard).
5. Calculate the summation for the even numbers.
6. Find the maximum and minimum number in the array.
7. Copy **intArray** elements to another array named **intArray2** in reverse order.
8. Split **intArray** elements into two sub arrays named **intEvenArray** (contains the even numbers from **intArray**) and **intOddArray** (contains the odd numbers from **intArray**)
9. Exit.

This menu should be displayed continuously to the user until the user choose the Exit choice.

Note : send your solve of HW#3 & HW#4 to my Email [ageelbarra@gmail.com](mailto:ageelbarra@gmail.com) .