

Here is the code:

...

```
using System;  
using System.Linq;
```

```
class Program
```

```
{  
    static void FibonacciSeries(int num)  
    {  
        int f1 = 0, f2 = 1;  
        for (int i = 0; i < num; i++)  
        {  
            Console.WriteLine(f1);  
            int f3 = f1 + f2;  
            f1 = f2;  
            f2 = f3;  
        }  
    }  
}
```

```
    static void  
LargestAndSecondLargestNumber()
```

```
{  
    int[] array = { 2, 3, 14, 1, 6, 5, 9 };  
    int largestNumber = array.Max();  
    int secondLargestNumber =  
array.Where(x => x != largestNumber).Max();  
    Console.WriteLine("Largest number: " +  
largestNumber);  
    Console.WriteLine("Second largest  
number: " + secondLargestNumber);  
}
```

```
static void RemoveDuplicates()  
{  
    int[] originalArray = { 2, 2, 3, 8, 5, 9, 3 };  
    int[] tempArray =  
originalArray.Distinct().ToArray();  
    foreach (var item in tempArray)  
    {  
        Console.WriteLine(item);  
    }  
}
```

```
static void MoveZerosToEnd()
{
    int[] array = { 1, 0, 9, 7 };
    int[] nonzeroArray = array.Where(x => x !=
0).ToArray();
    int[] zerosArray = new int[array.Length -
nonzeroArray.Length];
    int[] resultArray =
nonzeroArray.Concat(zerosArray).ToArray();
    foreach (var item in resultArray)
    {
        Console.WriteLine(item);
    }
}
```

```
static void Main(string[] args)
{
    int option;
    do
    {
        Console.WriteLine("1. Fibonacci
Series");
```

```
        Console.WriteLine("2. Largest and  
Second Largest Number");  
        Console.WriteLine("3. Remove  
Duplicates");  
        Console.WriteLine("4. Move Zeros to  
End");  
        string userInput = Console.ReadLine();  
        option = int.Parse(userInput);  
        switch (option)  
        {  
            case 1:  
                Console.Write("Enter a number to  
find the Fibonacci series: ");  
                int userInput1 =  
int.Parse(Console.ReadLine());  
                FibonacciSeries(userInput1);  
                break;  
            case 2:  
LargestAndSecondLargestNumber();  
                break;  
            case 3:
```

```
        RemoveDuplicates();
        break;
    case 4:
        MoveZerosToEnd();
        break;
    default:
        Console.WriteLine("Invalid option
selected.");
        break;
    }
    Console.WriteLine();
} while (option != 4);
}
...
```