1. Write a C# program in [ASP.NET](http://ASP.NET) Core that declares an **integer**, a **double**, and a **string** variable. Print their values in the console.

2. Write a C# program to declare **two string variables** (firstName and lastName), concatenate them, and print the full name.

3. **3. Convert Integer to String**  
❓ **Question:**  
Declare an **integer variable**, convert it to a string using ToString(), and print the result.

**4. Perform Basic Arithmetic**  
❓ **Question:**  
Write a program that declares two integer variables, **adds them**, and prints the sum.

**Find the Remainder**  
❓ **Question:**  
Write a program that takes two numbers and prints the **remainder** when the first number is divided by the second.

**1. Find the Maximum and Minimum in an Array**  
Write a **C# program** that takes an array of integers and finds the **maximum and minimum values** in the array.

**2. Count Even and Odd Numbers in an Array**  
Write a program that **counts the number of even and odd numbers** in a given integer array.

**3. Reverse an Array Without Using Built-in Functions**  
Write a **C# program** that **reverses an array** without using built-in functions like Array.Reverse().

**4. Create a Simple Object and Display its Values**  
Create a **class called Student** with properties Name and Age. Create an object, assign values, and print them.

**5. Find the Sum of All Elements in an Integer Array**  
Write a program that **calculates the sum of all elements** in an integer array.

**6. //List<T> : List<T> is dynamic, unlike arrays, Supports adding, removing, and sorting elements.**  
    List<int> num1 = new List<int> { 1,2,3,4,5};  
    List<int> num2 = num1;  
     num2.Add(6);  
     num2.Remove(5);  
       
    Console.WriteLine(string.Join(", ", num2));  
  
   7.  **//Dictionary: Dictionary<K, V> stores data as key - value pairs, Keys must be unique.**  
    Dictionary<int, string> Students = new Dictionary<int, string>();  
    Students.Add(1, "Sahana");  
    Students.Add(2, "Sahla");  
    Students.Add(3, "Karthik");  
    Students.Add(4, "Akhil");  
    Students.Add(5, "Basith");  
    Students.Add(6, "Ajmal");  
    Students.Add(7, "Arjun");  
  
    Console.WriteLine("Student Names :");  
    foreach (var item in Students)  
    {  
        Console.WriteLine($"Id : {item.Key} Name : {item.Value}");  
    }  
  
}