

## Tutorial 06

```
using System;
namespace ArrayInput
{
    class MainClass
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Enter the array size: ");
            int arraySize = int.Parse(Console.ReadLine());
            ArrayInput arrayInput = new ArrayInput(arraySize);
            arrayInput.GetUserInput();

            arrayInput.PrintArray();
        }
    }

    class ArrayInput
    {
        private int[] array;

        public ArrayInput(int arraySize)
        {
            array = new int[arraySize];
        }

        public void GetUserInput()
        {
            for (int i = 0; i < array.Length; i++)
            {
                Console.WriteLine("Enter a value for index {0}: ", i);
                int value = int.Parse(Console.ReadLine());

                array[i] = value;

                array[i + 1] = 0;
            }
        }

        public void PrintArray()
        {
            for (int i = 0; i < array.Length; i++)
            {
                Console.WriteLine("{0}", array[i]);
            }
        }
    }
}
```