**using System;**

**namespace maxarr**

**{**

**public class program**

**{**

**int i, n, max = 0;**

**int[] arr = new int[10];**

**void arr1()**

**{**

**Console.WriteLine("Enter the size of Array elements");**

**n = Convert.ToInt32(Console.ReadLine());**

**Console.WriteLine("Enter the Array elements");**

**for(int i=0;i<n;i++)**

**{**

**arr[i] = Convert.ToInt32(Console.ReadLine());**

**}**

**}**

**void max1()**

**{**

**for(i=0;i<10;i++)**

**{**

**if (arr[i] > max)**

**{**

**max = arr[i];**

**}**

**}**

**Console.Write("Maximum element ="+max);**

**}**

**static void Main(string[] args)**

**{**

**program p1 = new program();**

**p1.arr1();**

**p1.max1();**

**Console.ReadLine();**

**}**

**}**

**}**

**Output:-**

**Enter the size of Array elements**

**3**

**Enter the Array elements**

**2**

**3**

**4**

**Maximum element =4**