Lab 06

27003

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Question 06

using System;

namespace ArrayApp

{

public class ArrayProcessor

{

public void ProcessArray(int size)

{

int[] array = new int[size \* 2];

Console.WriteLine($"Enter {size} elements:");

for (int i = 0; i < size; i++)

{

Console.Write("User Input: ");

array[i \* 2] = Convert.ToInt32(Console.ReadLine());

array[i \* 2 + 1] = 0;

}

Console.WriteLine("Values inside the array:");

for (int i = 0; i < size \* 2; i++)

{

Console.Write(array[i] + " ");

}

Console.WriteLine();

}

}

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter the size of the array: ");

int size = Convert.ToInt32(Console.ReadLine());

ArrayProcessor arrayProcessor = new ArrayProcessor();

arrayProcessor.ProcessArray(size);

}

}

}