Question 06

using System;

class ArrayProcessor

{

public void CreateAndProcessArray(int size)

{

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

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

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

{

Console.Write($"Value {i + 1}: ");

int value = int.Parse(Console.ReadLine());

array[i \* 2] = value;

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

}

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

foreach (var value in array)

{

Console.Write(value + " ");

}

}

}

class Program

{

static void Main(string[] args)

{

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

int size = int.Parse(Console.ReadLine());

ArrayProcessor arrayProcessor = new ArrayProcessor();

arrayProcessor.CreateAndProcessArray(size);

}

}