(Q6) Answer;

using System;

class ArrayManager

{

public int[] ArrWtZros(int size)

{

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

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

{

Console.Write($"Enter value for index {i / 2}: ");

arr[i] = int.Parse(Console.ReadLine());

arr[i + 1] = 0;

}

return arr;

}

}

class Program

{

static void Main()

{

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

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

ArrayManager arrayManager = new ArrayManager();

int[] array = arrayManager.ArrWtZros(size);

Console.WriteLine("\nArray with user inputs followed by 0s:");

DisplayArray(array);

}

static void DisplayArray(int[] arr)

{

for (int i = 0; i < arr.Length; i++)

{

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

}

Console.WriteLine();

}

}

**LAB 06**