using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace lab2Q5

{

internal class Program

{

static void Main(string[] args)

{

int[] numbers = new int[10];

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

{

Console.Write("Enter number {0}: ", i + 1);

if (int.TryParse(Console.ReadLine(), out int inputNumber))

{

numbers[i] = inputNumber;

}

else

{

Console.WriteLine("Invalid input! Please enter a valid integer.");

i--;

}

}

Console.WriteLine("\nEven numbers:");

foreach (int number in numbers)

{

if (number % 2 == 0)

{

Console.Write(number + " ");

}

}

Console.WriteLine("\nOdd numbers:");

foreach (int number in numbers)

{

if (number % 2 != 0)

{

Console.Write(number + " ");

}

}

Console.ReadLine();

}

}

}