**Axborot tizimlari va texnologiylari yo’nalishi**

**122-20-guruh talabasi**

**Sattorova Mohiraning**

**Algoritmlar va berilganlar strukturasi fanidan**

1. **Topshirig’i:**
2. **variant. Kerakli elementdan keyingi elementlarning o’rtacha kvadratik qiymati 10 dan kichik bo’lgan elementni toping. Agar bunday elementlar ko’p bo’lsa, u holda ularning eng kattasini toping; agar bunday element mavjud bo’lmasa- shunga mos ma’lumot chiqaring.**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_8.\_1

{

internal class Program

{

static void Main(string[] args)

{

Program ob = new Program();

int[] search\_list = new int[] { 3, 1, 9, 8, 7, 12, 56, 23, 89 };

int n, result;

//Read the target value to search

Console.WriteLine("Enter a value to search: ");

n = Int32.Parse(Console.ReadLine());

result = ob.LinearSearch(search\_list, n);

if (n != -1)

Console.WriteLine("The target value " + n + " is found at position " + result);

else

Console.WriteLine("Target not found!");

Console.ReadKey();

}

int LinearSearch(int[] arr, int target)

{

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

{

if (target == arr[i])

return (i + 1);

}

return -1;

}

}

}



