**1-variant**

Push va Pop operatsiyalari bilan stekni amalga oshirish uchun C# dasturini yozing. Stackning yuqori elementini toping va stek bo'sh yoki yo'qligini tekshiring.

using System;

using System.Collections.Generic;

namespace Stack\_Operations

{

class Program

{

static void Main(string[] args)

{

Stack<int> myStack = new Stack<int>();

myStack.Push(5);

myStack.Push(10);

myStack.Push(15);

if (myStack.Count == 0)

{

Console.WriteLine("Stack bo'sh.");

}

else

{

int topElement = myStack.Peek();

Console.WriteLine("Stackning yuqori elementi: " + topElement);

int removedElement = myStack.Pop();

Console.WriteLine("Olingan element: " + removedElement);

}

Console.WriteLine("\nStackning yangi holati:");

foreach (var element in myStack)

{

Console.WriteLine(element);

}

}

}

}

