```
using System;
using System.Linq;

public class Uzdevums
{
   public static void Main(string[] args)
   {
      Console.Write("Ievadi vārdu: ");
      string vards = Console.ReadLine();

      Console.Write("Ievadi uzvārdu: ");
      string uzvards = Console.ReadLine();

      vards = KatrsOtraisLiels(vards);
      uzvards = KatrsOtraisLiels(uzvards);

      string vardsReverss = Apgriezt(vards);
      string uzvardsReverss = Apgriezt(uzvards);

      int kolonas = vards.Length;
      int rindas = uzvards.Length;

      int[,] matrica = new int[rindas, kolonas];
      int[,] matricaRevers = new int[kolonas, rindas];

      int[] rindasSumma = new int[kolonas];
      int[] kolonuSumma = new int[rindas];
```

```
int[,] statistikaKolonas = new int[3, kolonas];
int[,] statistikaRindas = new int[3, rindas];

Random rng = new Random();

// Masīva aizpildīšana
for (int i = 0; i < rindas; i++)
{
   for (int j = 0; j < kolonas; j++)
   {
      int sk = rng.Next(kolonas, kolonas + rindas + 1);
      matrica[i, j] = sk;
      matricaRevers[j, i] = sk;
   }
}

// Oriģinālā tabula
IzvadeiLīnija(0, kolonas + 4);
for (int i = -1; i < rindas; i++)
{
   if (i == -1)
   {
      Console.Write("|\tX\t");
      for (int j = 0; j < kolonas; j++)
         Console.Write($"|\t{vards[j]}\t");

      Console.Write("| Sum |\tMin |\tMax |\n");
      IzvadeiLīnija(0, kolonas + 4);
```

```
        }
        else
        {
            Console.Write($"|\t{uzvardsReverss[i]}\t");
            for (int j = 0; j < kolonas; j++)
            {
                Console.Write($"|\t{matrica[i, j]}\t");
                rindasSumma[j] = matrica[i, j];
            }

Console.Write($"|\t{rindasSumma.Sum()}\t|\t{rindasSumma.Min()}\t|\t{rindasSumma.Max()}\t|\n");
            if (i < rindas - 1)
                IzvadeiLīnija(kolonas + 1);
        }
    }

    // Statistika kolonnām
    for (int j = 0; j < kolonas; j++)
    {
        for (int i = 0; i < rindas; i++)
            kolonuSumma[i] = matrica[i, j];

        statistikaKolonas[0, j] = kolonuSumma.Sum();
        statistikaKolonas[1, j] = kolonuSumma.Min();
        statistikaKolonas[2, j] = kolonuSumma.Max();
    }
```

```
IzvadeStatistika(statistikaKolonas, kolonas, rindasSumma);


// Apgrieztā tabula
IzvadeiLīnija(0, rindas + 4);
for (int i = -1; i < kolonas; i++)
{
  if (i == -1)
  {
    Console.Write("|\tX\t");
    for (int j = 0; j < rindas; j++)
      Console.Write($"|\t{uzvardsReverss[j]}\t");
    Console.Write("| Sum |\tMin |\tMax |\n");
    IzvadeiLīnija(0, rindas + 4);
  }
  else
  {
    Console.Write($"|\t{vardsReverss[i]}\t");
    for (int j = 0; j < rindas; j++)
    {
      Console.Write($"|\t{matricaRevers[i, j]}\t");
      rindasSumma[j] = matricaRevers[i, j];
    }

Console.Write($"|\t{rindasSumma.Sum()}\t|\t{rindasSumma.Min()}\t|\t{rindasSumma.Max()}\t|\n");
    if (i < kolonas - 1)
      IzvadeiLīnija(rindas + 1);
  }
```

```
    }

    for (int j = 0; j < rindas; j++)
    {
        for (int i = 0; i < kolonas; i++)
            rindasSumma[i] = matricaRevers[i, j];

        statistikaRindas[0, j] = rindasSumma.Sum();
        statistikaRindas[1, j] = rindasSumma.Min();
        statistikaRindas[2, j] = rindasSumma.Max();
    }

    IzvadeStatistika(statistikaRindas, rindas, kolonuSumma);
}

public static string KatrsOtraisLiels(string ievade)
{
    var sb = new System.Text.StringBuilder();
    for (int i = 0; i < ievade.Length; i++)
```