7 student:

Single Dimensional Arrays

1. `[st7-task-01.cs]` `{0.3 points}` An array of integers is given. The values of its elements:

`-11, -23, 37, 101, -56, -61, 71, 89`

1. Create a function to display the array.

2. Create another function to find out if the maximum value of the array is greater than `100`. The function should return `true` or `false`. The signature of the function must be as following:

`static Boolean FindIfMax(int[] arr)`

Expected output:
Array:
-11 -23 37 **101** -56 -61 71 89
the maximum value of the array is greater than 100: True

Two-dimensional Arrays

2. `[st7-task-02.cs]` `{0.3 points}` Create a function called `FillMatrix` to fill a 6-by-6 array with random numbers in the range from `-30` to `20` and display them. Create one more function to print out the addition of the elements which are in the specified `n` column (`n` is entered) . The signature of the function must be as following:

`static int PrintSumMatrix(int[,] m , int n)`

Expected output:
The matrix 6 x 6:
 -12 -7 -16 **-5** 18 -25
  2 -17   2 **-5** 12 -14
 13 11   4 **-1** -26 11
 -3 -20   9   **1** -2 -3
-23 -19 -10 **-3** -24 -24
-27 -16 -5 **-25** 17 -11
enter the number of the column, please
4
sum = -38

String and Using StringBuilder class

3. `[st7-task-03.cs]` `{0.4 points}` The sentence is entered. Create a method to find out how many times 't' letter appears in the sentence. You should use *StringBuilder* class. The signature of the function must be as following:

`static int countT(StringBuilder sb)`

Expected output:
Please, enter the sentence:
It's too serious for me to go there
't' appears : 4 times