2 student:

Single Dimensional Arrays

1. `[st2-task-01.cs] {0.3 points}` An array of doubles is given. The values of its elements:

```
1.1, -2.3, 3.7, 4.1, -5.6, 6.1, 7.1
```

1. Create a function to display the array.

2. Create another function to print the product of positive elements. The signature of the function must be as following:

```
static void FindProduct(double[] arr, ref double product)
```

Expected output:

```
Array:
1,1  -2,3  3,7  4,1  -5,6  6,1  7,1
product is: 722,71397
```

Two-dimensional Arrays

2. `[st2-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 `10` to `50` and display them. Create one more function to calculate the addition of the two-digit array elements the first digit of which is `4` (e.g. **41**). The signature of the function must be as following:

```
static void PrintSumMatrix(int[,] m, ref int sum)
```

Expected output:

```
The matrix 6 x 6:
  49  17  12  22  29   9
  21  22  26  30  18  18
  18  24   8   5  37  38
  29  14  12  15  13  20
  26  12  13  22  18  10
  18  20  14  46  10  35
sum = 95
```

String and Using StringBuilder class

3. `[st2-task-03.cs] {0.4 points}` The sentence is entered. Create a function to find out how many times '*c*' char appears in the sentence. You should use *StringBuilder* class. The signature of the method must be as following:

```
static int countC(StringBuilder sb)
```

Expected output:

```
Please, enter the sentence:
clever cow
c char appears : 2 times
```