**Exercises: Sets and Dictionaries Advanced**

Problems for exercises and homework for the ["C# Advanced" course @ HYPERLINK "https://softuni.bg/trainings/3584/csharp-advanced-january-2022"SoftUni HYPERLINK "https://softuni.bg/trainings/3584/csharp-advanced-january-2022".](https://softuni.bg/trainings/3584/csharp-advanced-january-2022)

You can check your solutions in [Judge](https://judge.softuni.org/Contests/1466/Sets-and-Dictionaries-Advanced-Exercise)

* **Count Symbols**

Create a program that reads some **text** from the console and **counts** the **occurrences** of **each** character in it. Print the results in **alphabetical** (lexicographical) order.

**Examples**

|  |  |
| --- | --- |
| **Input** | **Output** |
| SoftUni rocks | : 1 time/s  S: 1 time/s  U: 1 time/s  c: 1 time/s  f: 1 time/s  i: 1 time/s  k: 1 time/s  n: 1 time/s  o: 2 time/s  r: 1 time/s  s: 1 time/s  t: 1 time/s |
| Did you know Math.Round rounds to the nearest even integer? | : 9 time/s  .: 1 time/s  ?: 1 time/s  D: 1 time/s  M: 1 time/s  R: 1 time/s  a: 2 time/s  d: 3 time/s  e: 7 time/s  g: 1 time/s  h: 2 time/s  i: 2 time/s  k: 1 time/s  n: 6 time/s  o: 5 time/s  r: 3 time/s  s: 2 time/s  t: 5 time/s  u: 3 time/s  v: 1 time/s  w: 1 time/s  y: 1 time/s |