

CME1211 Algorithms and Programming I
Homework 3

Upload your source code file from *DEUZEM SAKAI* until **December 19, 2021, 23:55**.

Upload only a single *.cs file.

The name of the file: **number_name_surname.cs**

For example: 2019510028_ali_yildirim.cs



Word World

Write a C# program that takes a text and a pattern from the user and prints all the words in the **text** that corresponds to this **pattern**.

The **text** contains only English alphabet letters and two punctuations dot (.) and comma (,).

The **pattern** can contain letters, as well as either the character(s) of "*" or the character(s) of "-", but not both of them.

The symbol "*" corresponds to any number of letters (zero or more).

The symbol "-" corresponds to only one letter.

For example; if a pattern contains a single "*", this symbol should match any number of letters in the word; the other characters in the word and pattern must be equal.

If the same word repeats more than one times, the program must print it only one time.

If you want, you may write your own "procedure(s) and/or function(s)".

This homework will be graded by Res.Asst. Fatih DİLMAÇ.

You can ask your questions to her from the "FORUM → Homework 3 - Questions" part of the *DEUZEM SAKAI* software.

Examples:

Input: "Miss Polly had a poor dolly, who was sick. She called for the talled doctor Solly to come quick. He knocked on the DOOR like a actor in the healthcare sector.";

Input: -olly Output: Polly dolly Solly	Input: *iCK Output: sick quick	Input: -o-R Output: poor DOOR	Input: --- Output: had who was She for the
Input: *ctor Output: doctor actor sector	Input: *led Output: called talled	Input: do* Output: dolly doctor DOOR	Input: -al-e- Output: called talled
Input: h*al*re Output: healthcare	Input: *ed Output: called talled knocked	Input: * Output: Miss Polly ... all words	Input: - Output: a

Notes:

1. Your program must work correctly under all conditions. Try to control all possible errors.
2. You should use meaningful variable names, appropriate comments, and good prompting messages.
3. If you are late, your grade will be decreased 10 points for each day.
After five days, your assignment will not be accepted.
4. Assignment must be your individual work.
Cheating is strictly prohibited.
If any cheating occurs, your assignment will be graded with **zero (0)**.
A software will be used to automatically detect the similarities between students' source-codes.