

WORD OPERATION TOOL USER GUIDE

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CS-TECH Candidate Evaluation Exam

CONTENTS

1. SUMMARY	1
2. TECHNICAL REQUIREMENTS.....	1
3. INSTALLATION INFORMATION.....	2
4. PROGRAM USAGE.....	2

1. SUMMARY

With the Word Operation Tool Program; By determining a word from the text in a file selected by the users, certain commands (F, D, R) are used to find this word in the text, replace it with another word and delete it. While the selected word can be found alone in the text, it is also possible to find other words in the word by using the symbols " - " and '*'. When the “-” symbol is used, the software replaces all the letters of the alphabet in the position where”-“ is located, while showing all the words that can occur; When the symbol “* “ is used, words with zero or more letters are shown depending on the position of the “ * “. For example: Assuming that the word “alı” is selected, the program can find the word “balık” when the F -alı-, F *alı* can find the Word “salıncak” when the given command. This rule also applies to the Delete and Replace commands.

Program; perform to facilitate, facilitate, prevent loss of effort and provide to save time.

2. TECHNICAL REQUIREMENTS

Since the program is a C ++ file, it runs smoothly on any platform that can run the C ++ file (For example: Dev-C ++, Visual Studio Code, Code :: Blocks etc.).

Warning!

The program has been prepared using C ++ 11. The steps to add C ++ 11 to Dev-C ++ platform are as follows:

1- Settings → Compiler Settings

2- Programs-→gcc & g ++ ->. Can be used as c ++ 11 after adding -std = c ++ 11 after exe. (Figure1)

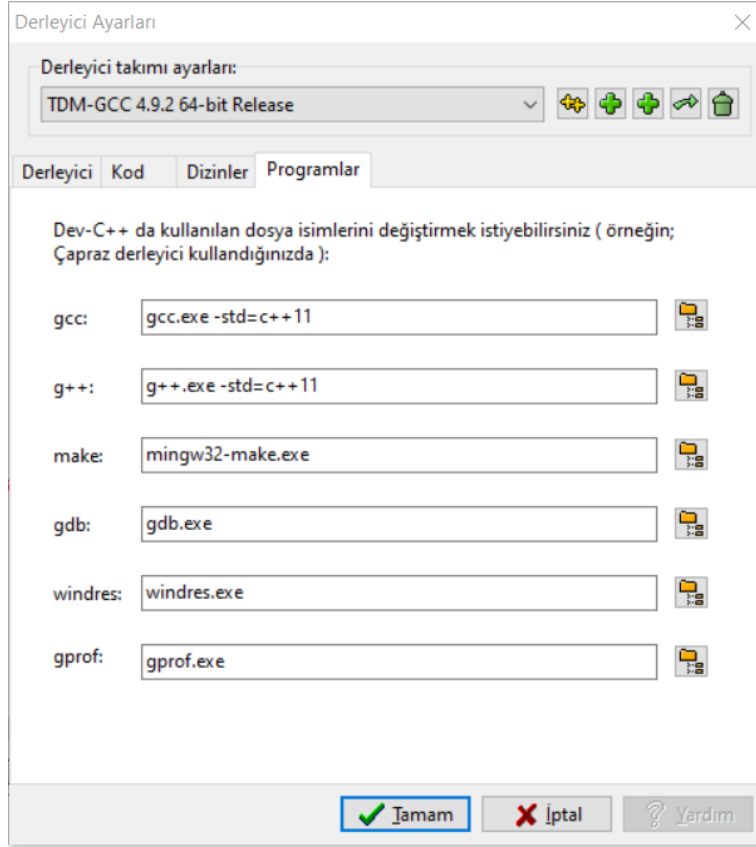


Figure 1.

3. INSTALLATION INFORMATION

After the source codes shared via GitHub are downloaded to the computer, they are opened with the appropriate program on the computer and started to be used.

Source codes can be found at the following address:

<https://github.com/ugurbayezit/Word-Operation-Tool>

4. PROGRAM USE

After the source codes are downloaded and run on the platform used, the user will be asked to select the file by giving the location of the file that he wants to process on the computer (Figure 2). In the next step, a selection screen appears for the user to select the action he wants to do on this file. There are Find (F), Replace and Delete options on the screen (Figure 3). During the Find (F) process, the desired word input from the user is expected (Figure 4). At this stage, the user can search for the word he wants to find in 3 different ways. For example, the word "a" can be searched as "a", "*a*" or "-a". However, the user cannot use more than 2 "*" or 2 "-" symbols. The use of "*" and "-" symbols in the same word is prevented (Figure 5). The

results obtained after this search return to the user (Figure 6). The same procedure and rules are valid for Replace and Delete operations (Figure 7 & 8).

```
Enter the path to the file you want to process:
```

Figure 2

```
Enter the path to the file you want to process: program.txt
Choose your operation type; F(Find),R(Replace),D(Delete):
```

Figure 3

```
Enter the path to the file you want to process: program.txt
Choose your operation type; F(Find),R(Replace),D(Delete):F
Searched Words:
```

Figure 4

```
Enter the path to the file you want to process: program.txt Enter the path to the file you want to process: program.txt
Choose your operation type; F(Find),R(Replace),D(Delete):F Choose your operation type; F(Find),R(Replace),D(Delete):F
Searched Words: *a- Searched Words: -a-a-
You can only use line or star You can use up to 2 -.
-----
Process exited after 10.17 seconds with return value 0 Process exited after 10.7 seconds with return value 0
Press any key to continue . . . Press any key to continue . . .
```

Figure 5

```
Enter the path to the file you want to process: program.txt Enter the path to the file you want to process: program.txt Enter the path to the file you want to process: program.txt
Choose your operation type; F(Find),R(Replace),D(Delete):F Choose your operation type; F(Find),R(Replace),D(Delete):F Choose your operation type; F(Find),R(Replace),D(Delete):F
Searched Words: a Searched Words: -a- Searched Words: *a*
Match found at position: 6 Match found at position: 241 Match found at position: 84
Match found at position: 23 Match found at position: 84 Match found at position: 145
Match found at position: 34 Match found at position: 145 Match found at position: 260
Match found at position: 52 Match found at position: 260 Match found at position: 55
Match found at position: 56 Match found at position: 55 Match found at position: 5
Match found at position: 72 Match found at position: 22 Match found at position: 75
Match found at position: 76 Match found at position: 33 Match found at position: 123
Match found at position: 85 Match found at position: 123 Match found at position: 174
Match found at position: 124 Match found at position: 124 Match found at position: 225
Match found at position: 130 Match found at position: 146 Result of find process: 12
Match found at position: 161
Match found at position: 175
Match found at position: 197
Match found at position: 217
Match found at position: 219
Match found at position: 226
Match found at position: 242
Match found at position: 261
Result of find process: 19
-----
Process exited after 6.248 seconds with return value 0
Press any key to continue . . .

-----
Process exited after 16.93 seconds with return value 0
Press any key to continue . . .

-----
One Star Process Result Number of found: 0
Two Star Begin to End Process Number of found:19
In the Middle Process Number of found: 0
-----
Process exited after 6.409 seconds with return value 0
Press any key to continue . . .
```

Figure 6

```

Enter the path to the file you want to process: program.txt
Choose your operation type; F(Find),R(Replace),D(Delete):D
Deleted Word: o-
otutriales Point otutriales originated furom the idea that there exists a class of readers who reuspond better to online conatent and
prefer to learn new skills at their own pace from the comforts adhdhedhdho of theira aosi drawing udfffsidsdaff rooms osdgdgfgadffdf
e

Match found at position: 80
Match found at position: 209
Match found at position: 12
Match found at position: 42
Match found at position: 181
Match found at position: 189
Match found at position: 248
Match found at position: 100
Match found at position: 114
Match found at position: 122
Match found at position: 247
Match found at position: 28
Match found at position: 192
Match found at position: 220
Match found at position: 252
Match found at position: 0
Match found at position: 17
Match found at position: 170
Result of find process: 18
utriales Pnt utriales iginated fur the idea that there exists a class  readers who reuspd better to line catent and prefer to learn ne
w skills at their n pace fr the cfts adhdhedhdho  theira ai drawing udfffsidsdaff s dgfdgfgadffdf
e

```

Figure 7

```

Enter the path to the file you want to process: program.txt
Choose your operation type; F(Find),R(Replace),D(Delete):R
Searched Words: t-
Replace Words: abc
otutriales Point otutriales originated furom the idea that there exists a class of readers who reuspond better to online conatent and prefer to learn new
skills at their own pace from the comforts adhdhedhdho of theira aosi drawing udfffsidsdaff rooms osdgdgfgadffdf
e
0Match found at position: 35
Match found at position: 107
Match found at position: 125
Match found at position: 45
Match found at position: 54
Match found at position: 59
Match found at position: 164
Match found at position: 184
Match found at position: 212
Match found at position: 111
Match found at position: 141
Match found at position: 3
Match found at position: 20
Match found at position: 69
Match found at position: 194
Match found at position: 106
Match found at position: 1
Match found at position: 18
Result of find process: 18
oabcabciales Point oabcabciales originaabcd furom abce idea abcat abcere exisabc a class of readers who reuspond beababcr abc online conaabcnt and prefer
abc learn new skills at abceir own pace from abce comforabc adhdhedhdho of abceira aosi drawing udfffsidsdaff rooms osdgdgfgadffdf
e
-----
Process exited after 9.621 seconds with return value 0

```

Figure 8