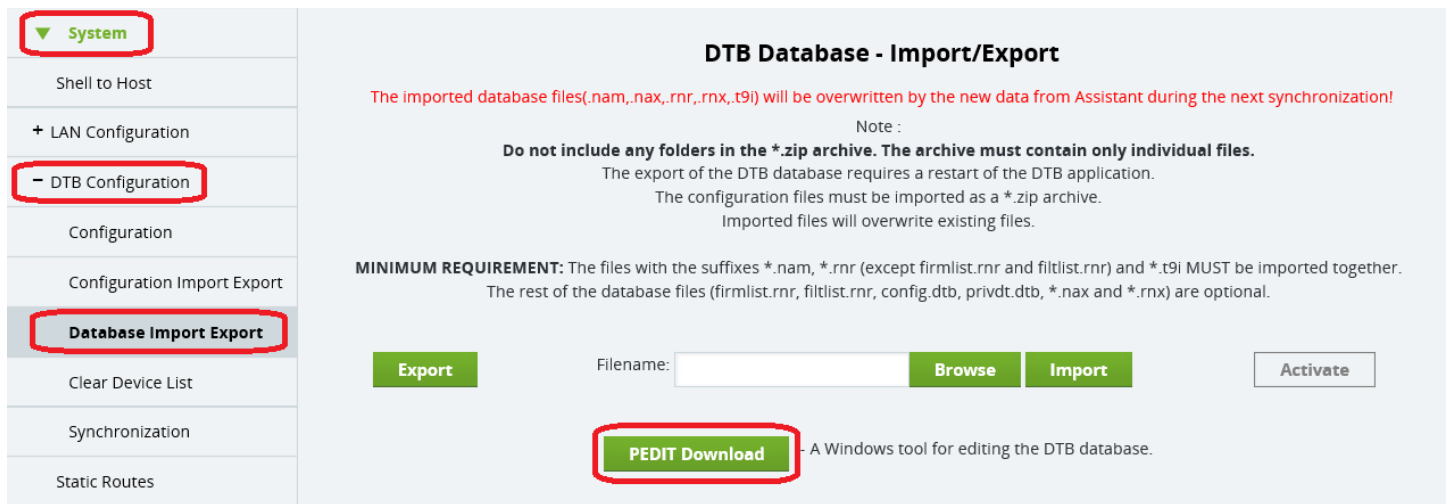


4.7.2 Phonebook Editor – PEDIT

The DTB uses the PEDIT tool for editing/sorting the database (DB) subscriber data. It can be downloaded from the OS4K Portal under System > DTB Configuration > Database Import Export > “PEDIT Download” button.



The installation directory contains two executables that belongs to PEDIT: PEDIT.exe and peditw.exe.

4.7.2.1 PEDIT.exe

The **PEDIT.exe** is the console application for Windows used by DTB to sort the DB subscriber data during the synchronization. In command line, the user can use the following sorting functions:

PEDIT -s <Sourcefile>.nam <Destfile>.nam Sorting of subscriber entries by name

- Sourcefile: DB file with unsorted subscriber entries
- Result: DB file with subscriber entries sorted by name

PEDIT -c <Sourcefile>.nam <Destfile>.rnr Sorting of subscriber entries by extension number

- Sourcefile: DB file with unsorted subscriber entries
- Result: DB file with subscriber entries sorted by extension number

PEDIT -i <Sourcefile>.nam <Destfile>.t9i Sorting of subscriber entries by T9 code

- Sourcefile: DB file with unsorted subscriber entries
- Result: DB file with subscriber entries sorted by T9 code index

There are also conversion functions:

PEDIT -g <Sourcefile>.cvs <Destfile>.nam Converting cvs format to PEDIT format

- Sourcefile: DB file with subscriber entries in cvs format
- Result: DB file with subscriber entries in PEDIT format

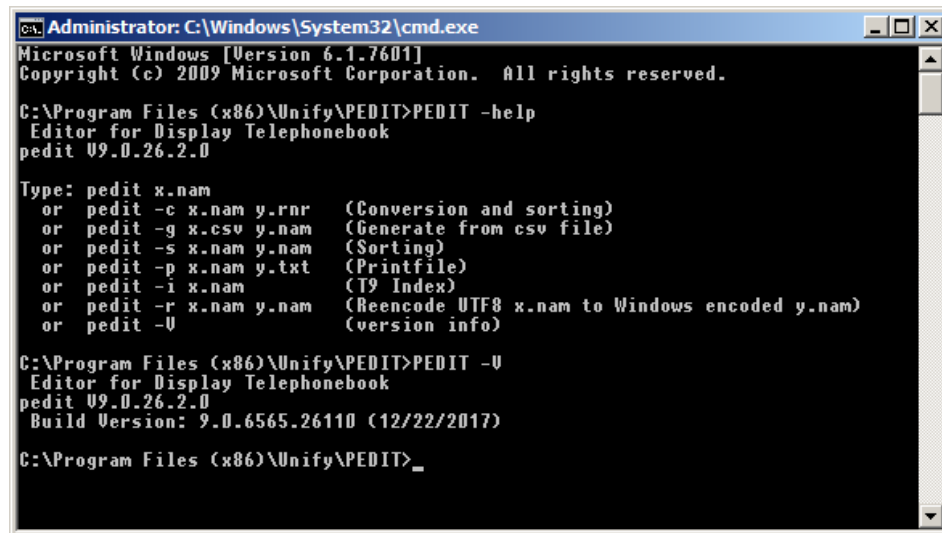
PEDIT -p <Sourcefile>.nam <Destfile>.txt Converting PEDIT format to text format

- Sourcefile: DB file with subscriber entries in PEDIT format
- Result: DB file with subscriber entries in text format

PEDIT -r <Sourcefile>.nam <Destfile>.nam Converting UTF8 to Windows format

- Sourcefile: DB file with subscriber entries in UTF8 encoding
- Result: DB file with subscriber entries in Windows encoding

Using the `-V` option you can check the version of the Editor for the Display Telephonebook you are using. All this parameters with a briefly description you can also find using the `-help` option.



```
Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Program Files (x86)\Unify\PEDIT>PEDIT -help
Editor for Display Telephonebook
pedit 09.0.26.2.0

Type: pedit x.nam
or pedit -c x.nam y.rnr (Conversion and sorting)
or pedit -g x.csv y.nam (Generate from csv file)
or pedit -s x.nam y.nam (Sorting)
or pedit -p x.nam y.txt (Printfile)
or pedit -i x.nam (I9 Index)
or pedit -r x.nam y.nam (Reencode UTF8 x.nam to Windows encoded y.nam)
or pedit -V (version info)

C:\Program Files (x86)\Unify\PEDIT>PEDIT -V
Editor for Display Telephonebook
pedit 09.0.26.2.0
Build Version: 9.0.6565.26110 (12/22/2017)

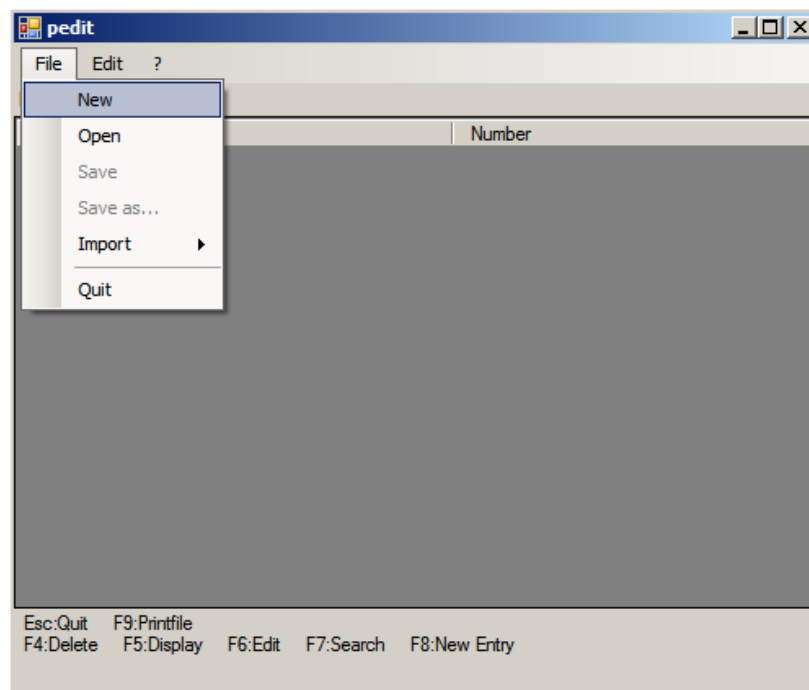
C:\Program Files (x86)\Unify\PEDIT>
```

4.7.2.2 peditw.exe

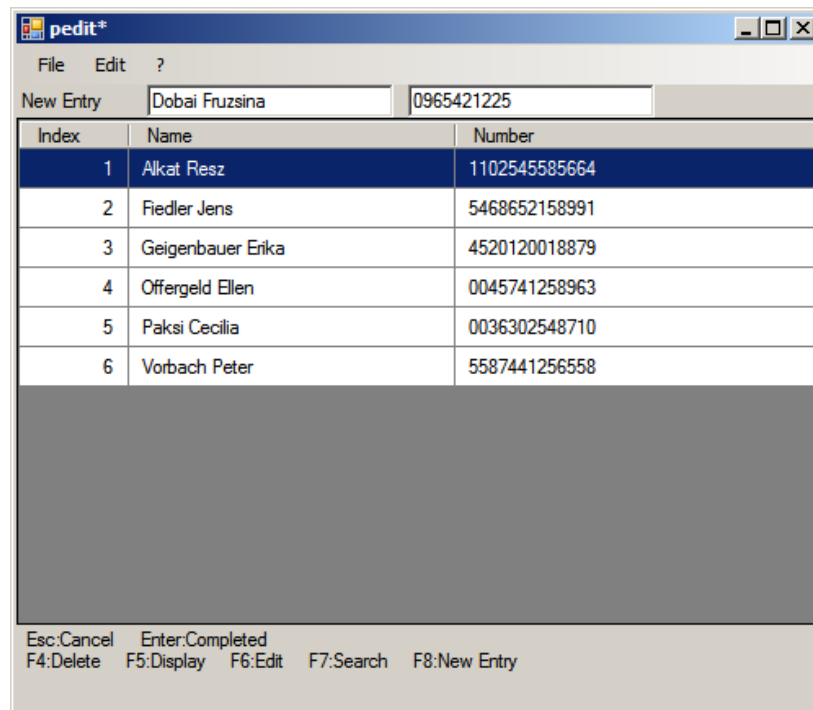
The **peditw.exe** is a visual application for Windows used for creating, converting, editing and sorting functions.

4.7.2.2.1 Creating a new database

When the program opens, an empty database is displayed. The same condition can be achieved choosing the **File > New** option.



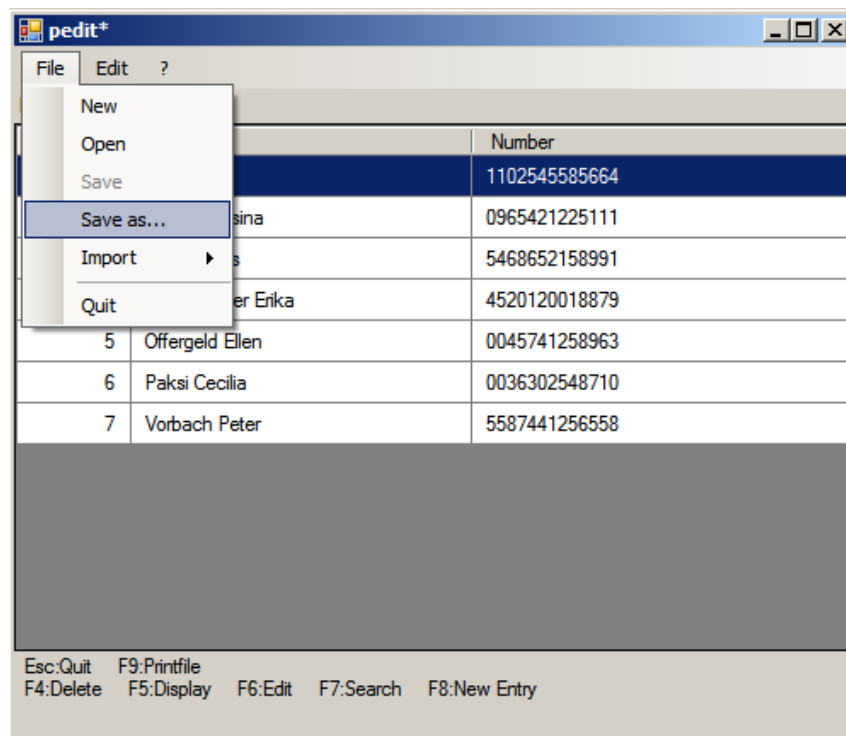
The **F8** key is used to add a new entry into the database.



The new entry can be added to database by pressing the **Enter** key, or can be cancelled by pressing the **Esc** or the **F5** key. The selected entry can be deleted using the **F4** key. The * in the title indicates that are unsaved changes.

4.7.2.2.2 Saving the database

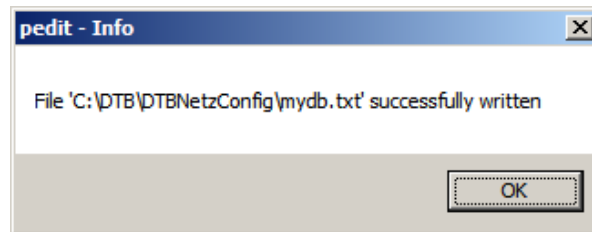
After making any changes in the database, the “**Save as...**” becomes available, and the database can be saved.



Saving the database will result three files with different extensions. Each of them are representing the sorting order for the same database. For example, if the given name for the database is “mydb”, then the created files will be:

- mydb.nam - sorted by name (required for search by name in DTB)
- mydb.rnr - sorted by number (required for search by number in DTB)
- mydb.t9i - sorted by index (required for the alphabetical quick search in DTB)

The **F9** key is for converting the database into a printable text format. A popup message will show the location of the file which has been created.

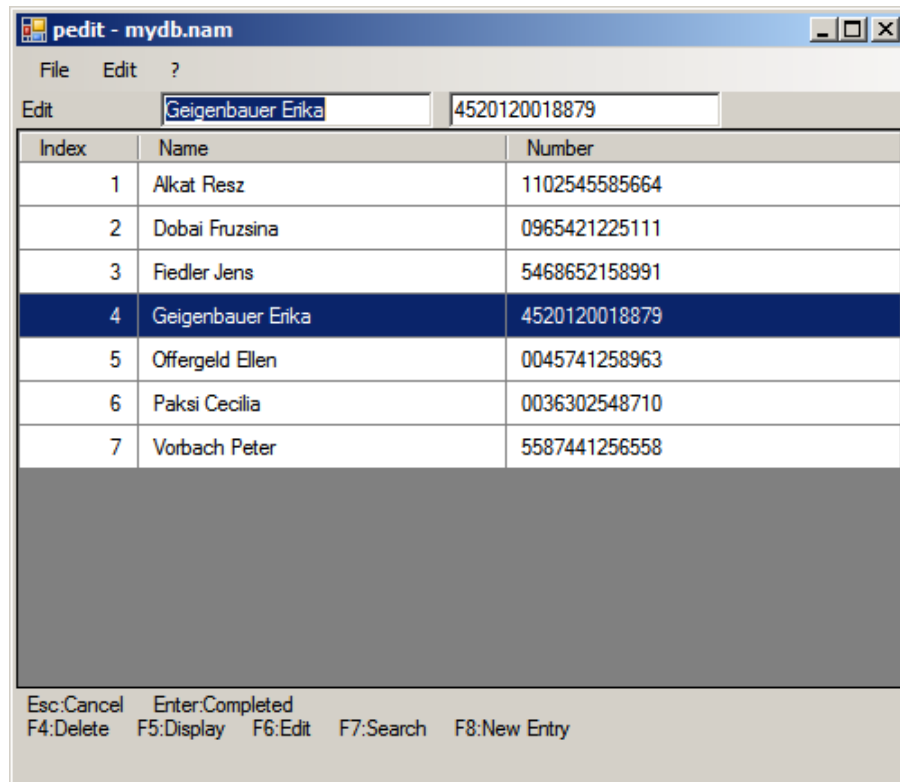


The output will be a **.txt** file which contains the database sorted by name. Each field within an entry is separated with a semicolon. This format is compatible with any CSV reader. The information from the fields are within quotes:

"Alkat Resz	;"1102545585664	"
"Dobai Fruzsina	;"0965421225111	"
"Fiedler Jens	;"5468652158991	"
"Geigenbauer Erika	;"4520120018879	"
"Offergeld Ellen	;"0045741258963	"
"Paksi Cecilia	;"0036302548710	"
"Vorbach Peter	;"5587441256558	"

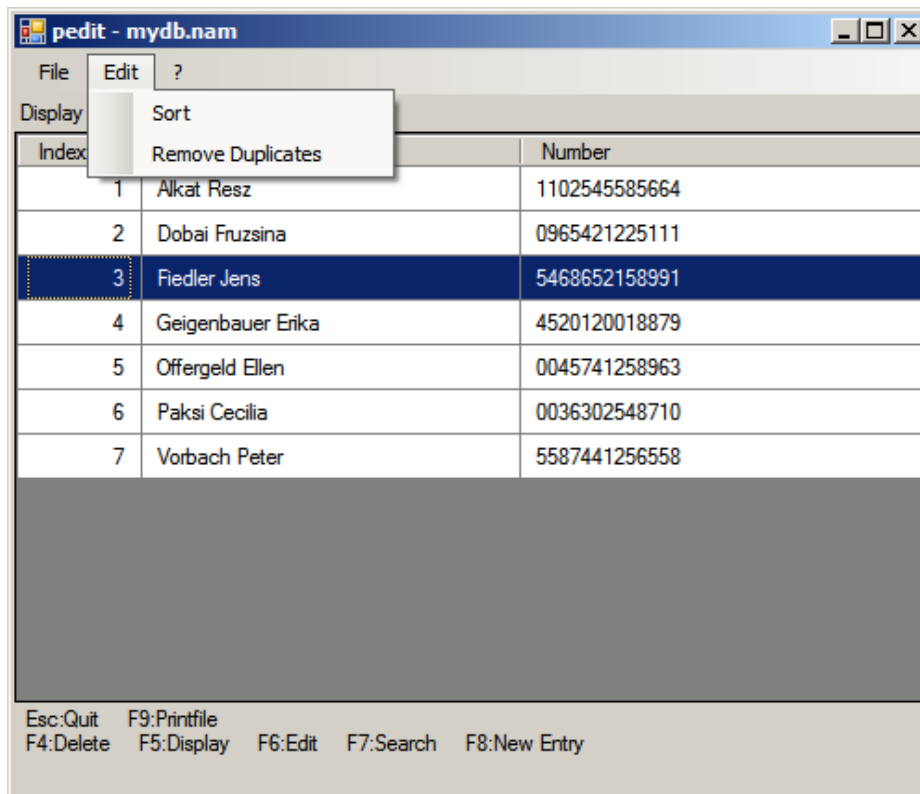
4.7.2.2.3 Opening and editing the database

To open a database for editing, it is mandatory to have the **.nam** extension of the database file. Peditw.exe can open also the **.rnr** and **.t9i** files, but only for reading. Just like in PEDIT.exe, the **.rnr** and **.t9i** files can be generated using the **.nam** extension, vice versa does not work. The records can be edited using the **F6** key.

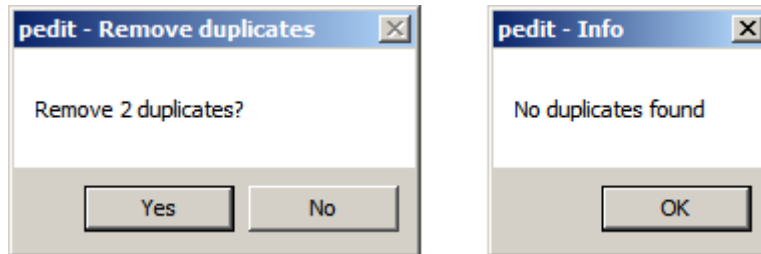


The **Edit** menu has two options:

1. **Sort** - a new sortation will be triggered, thus the database can be saved. This is useful when the **.nrn** and **.t9i** files are necessary but missing, because those files can be generated by pressing **"Save"**.

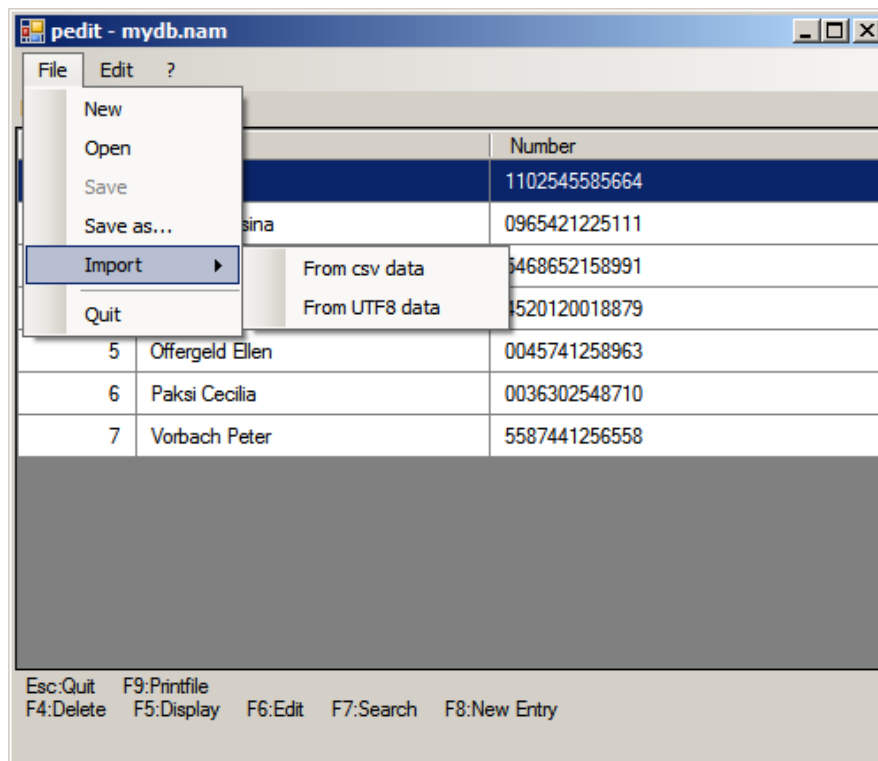


2. **Remove Duplicates** - removes the entries with duplicated names and numbers. Peditw.exe allows to have duplicated names but different numbers, or duplicated numbers but different names. A warning message is displayed, when duplicated entries are found or when no duplicates exists.



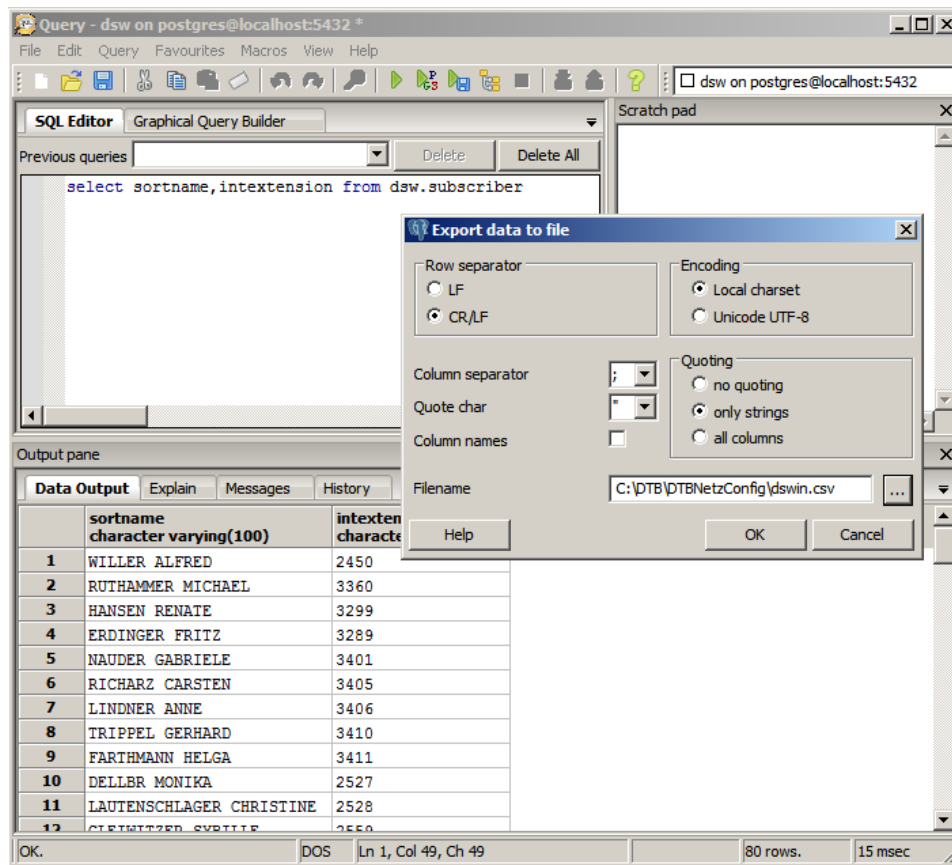
4.7.2.2.3 Importing database from CSV and UDTF8 data

The **File > Import** menu can be used to import data from other file format. This option will convert the selected data into PEDIT format to be able to generate the necessary **.nam**, **.nrn** and **.t9i** files for the DTB application.



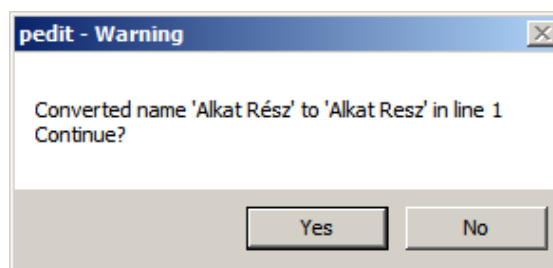
Mainly two data types are supported:

1. CSV data: a widely used data exchange format which can be exported from most databases. For example, if a user wants to import in DTB the same database as the one used by DS Win V4, he can use the PgAdmin application to export the database in a CSV format like in the picture below:

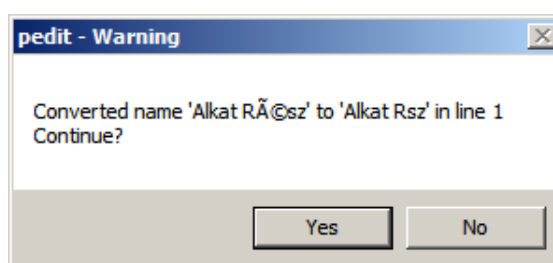


The resulting file will be similar with the **.txt** file generated with PEDIT using the **F9** key. A useful note for the user is that the quotes are not mandatory, but the column separator must be the semicolon (;).

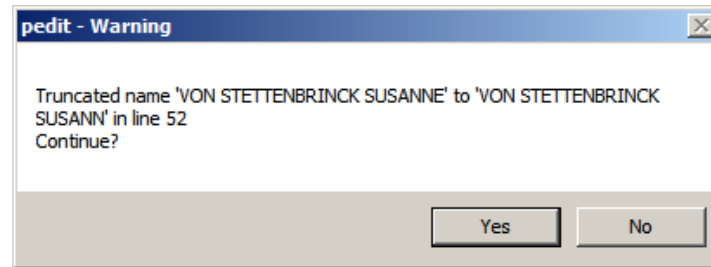
2. UTF8 data: uses UTF-8 characters which is a multibyte encoding scheme. This option is for import a **.nam**, **.rnr** or **.t9i** file which contains special characters, like umlauts, diacritics, accents and other special features relative to the basic 26 characters of the Latin alphabet. In this case, PEDIT will replace these characters with the most similar character from the basic Latin alphabet. This action is showed by a message window:



Note: Opening the UTF-8 file using the **File > Open** menu will result faulty data:

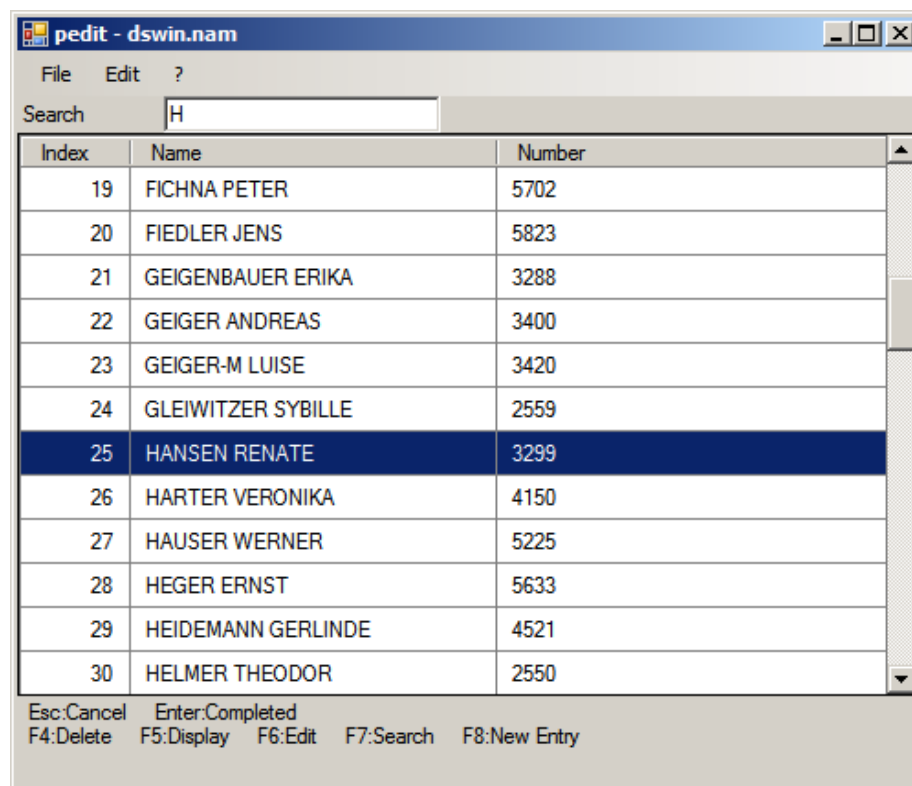


When opening a **.nam** file or when importing a **.csv** or an UTF-8 formatted **.nam** file, PEDIT will truncate the fields which are longer than 24 bytes. For example, when these files are edited manually or by other programs, then their size will not be integral multiple of 48 bytes or characters. The truncating action is displayed by a message window:



4.7.2.2.4 Searching the database and closing the program

The search is available by the **F7** key, and it is based on names. The search is performed only on the sorted database, therefore it is recommended to click on the **Edit/Sort** before using the search option.



The search is completed after every single letter in the search field and the selection jumps to the search result.

The PEDIT tool can be closed using the **File > Quit** option or by pressing the **Esc** key on display mode.