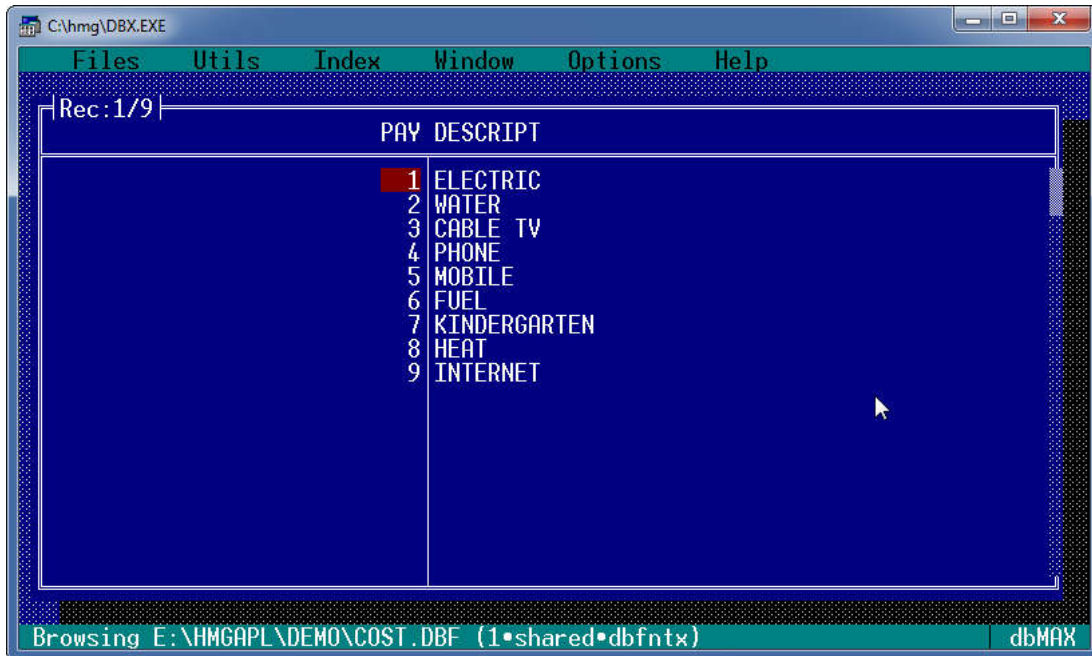
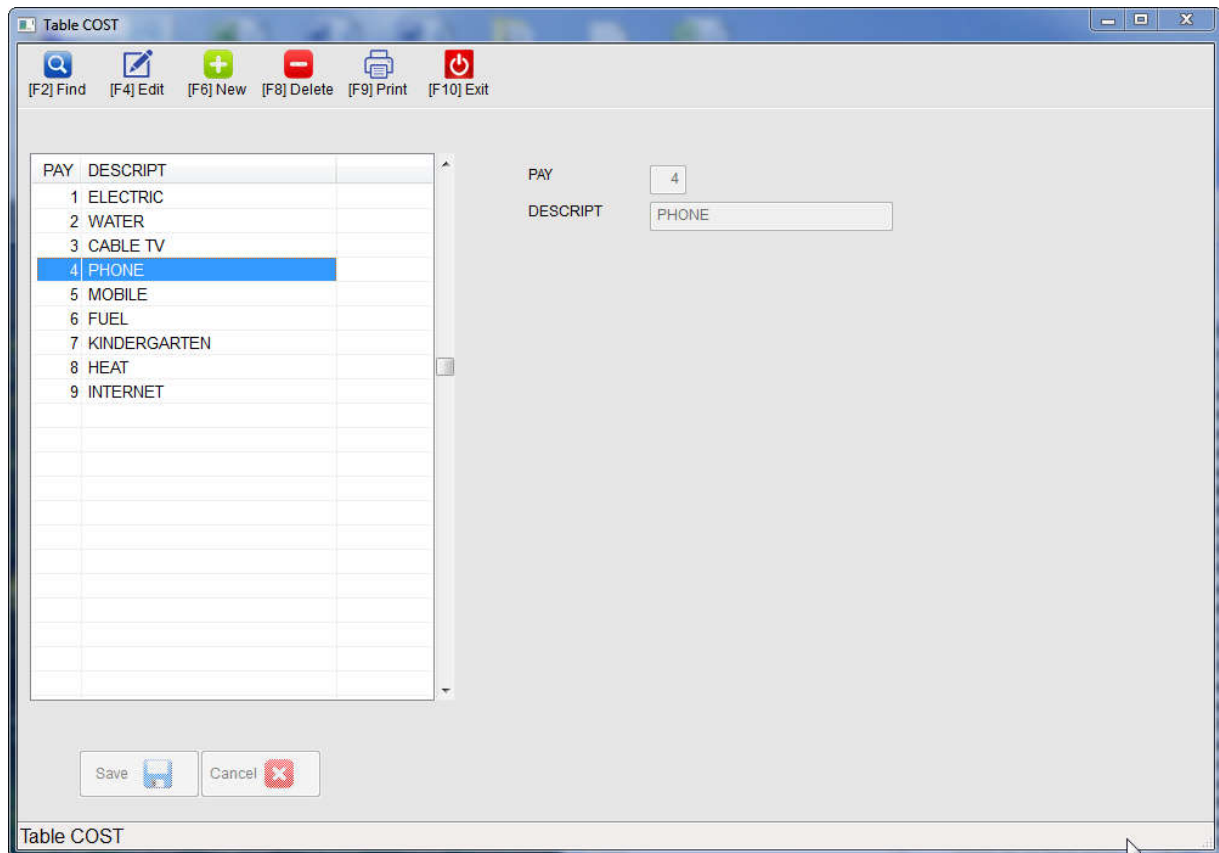


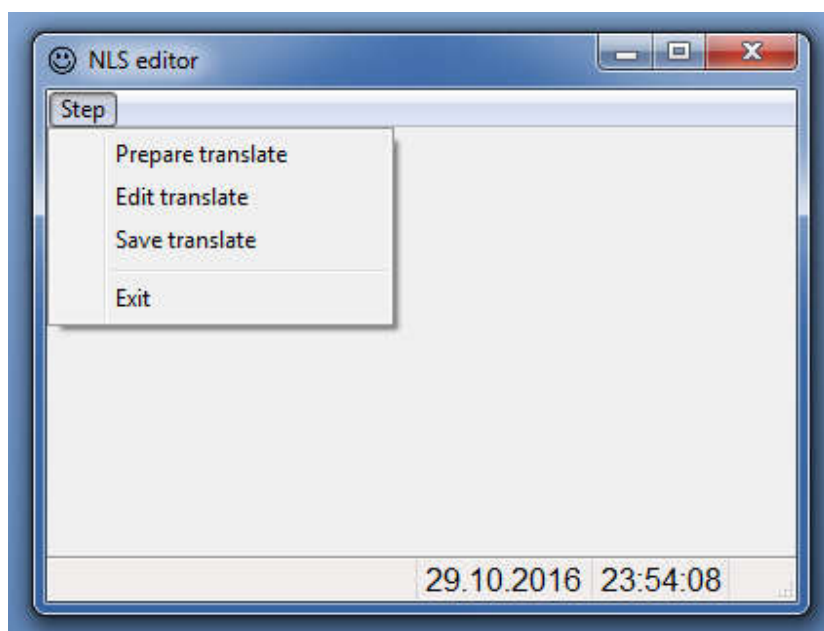
This is designed to be easier to translate the program and allow users to more easily use them
Let's make a small program
Table COSTS, has two fields and two indexes



I use my tools and the result is a program edit_1, should only make compilation

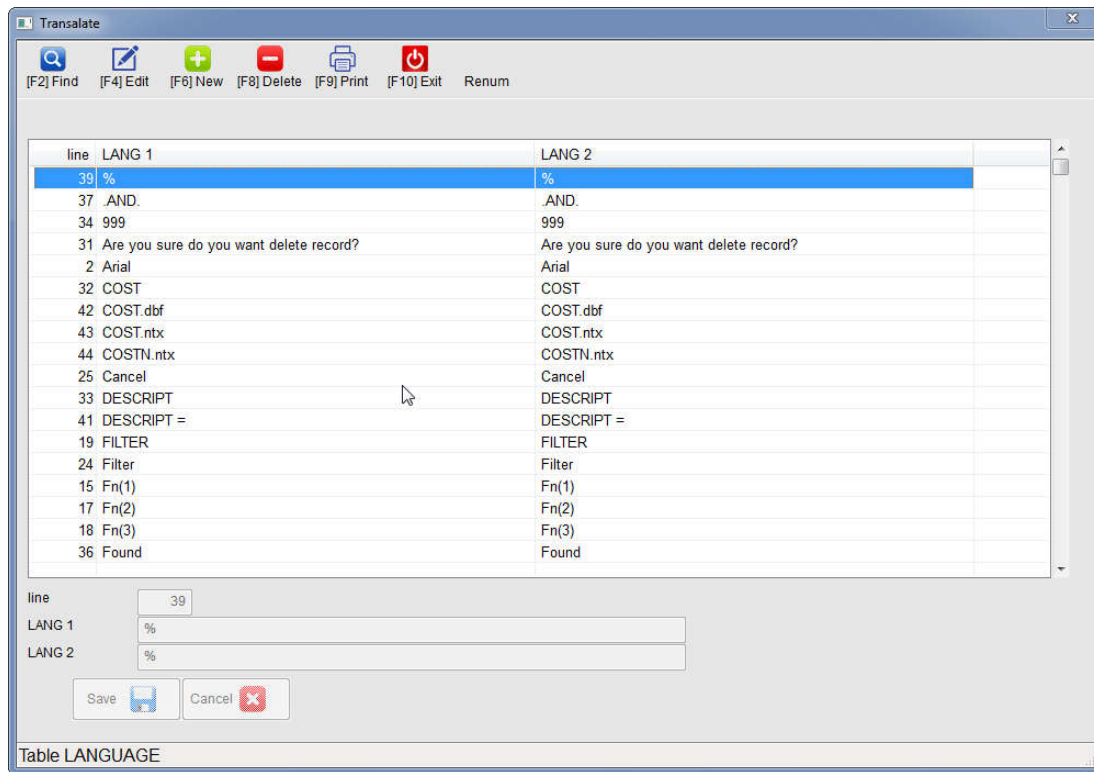


Look at the program, there are many strings that are in English and to be translated
Run the program NLSedit, click on the STEP and we'll see three options



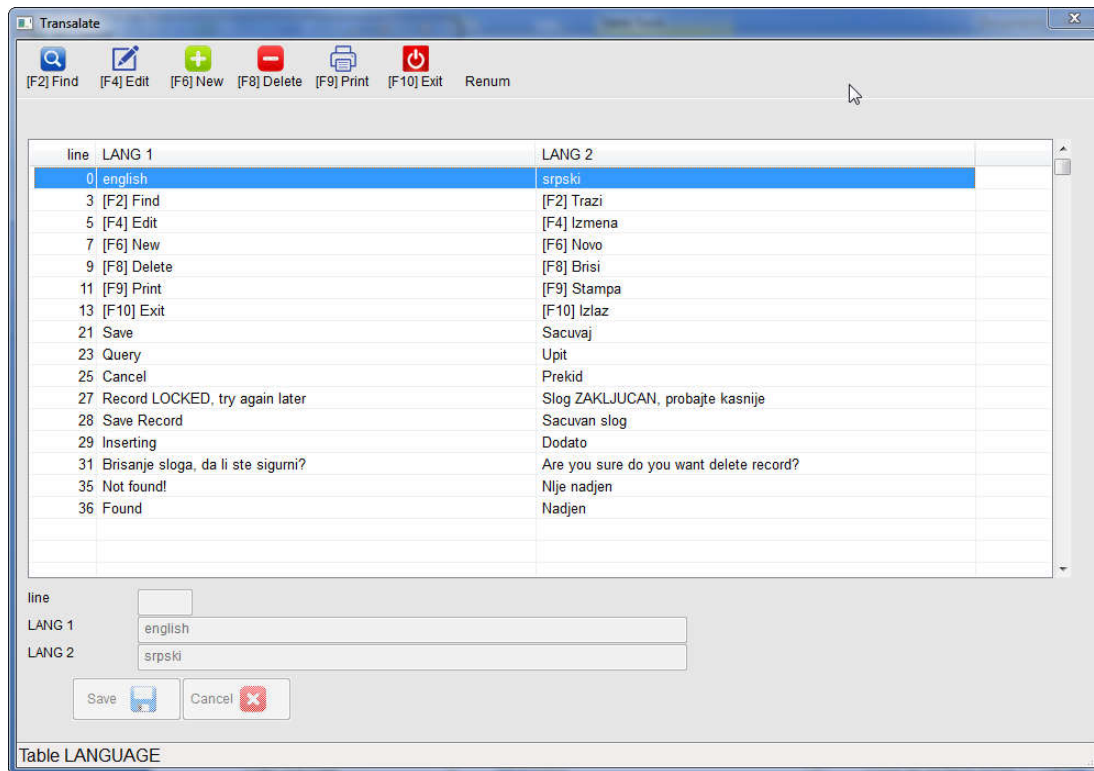
1. "Prepare translate" to read all of the programs in the folder and draw strings
2. "Edit translate" to display them and given the opportunity to enter a translation

Click on the header fields lang1 and will be sorted by the field

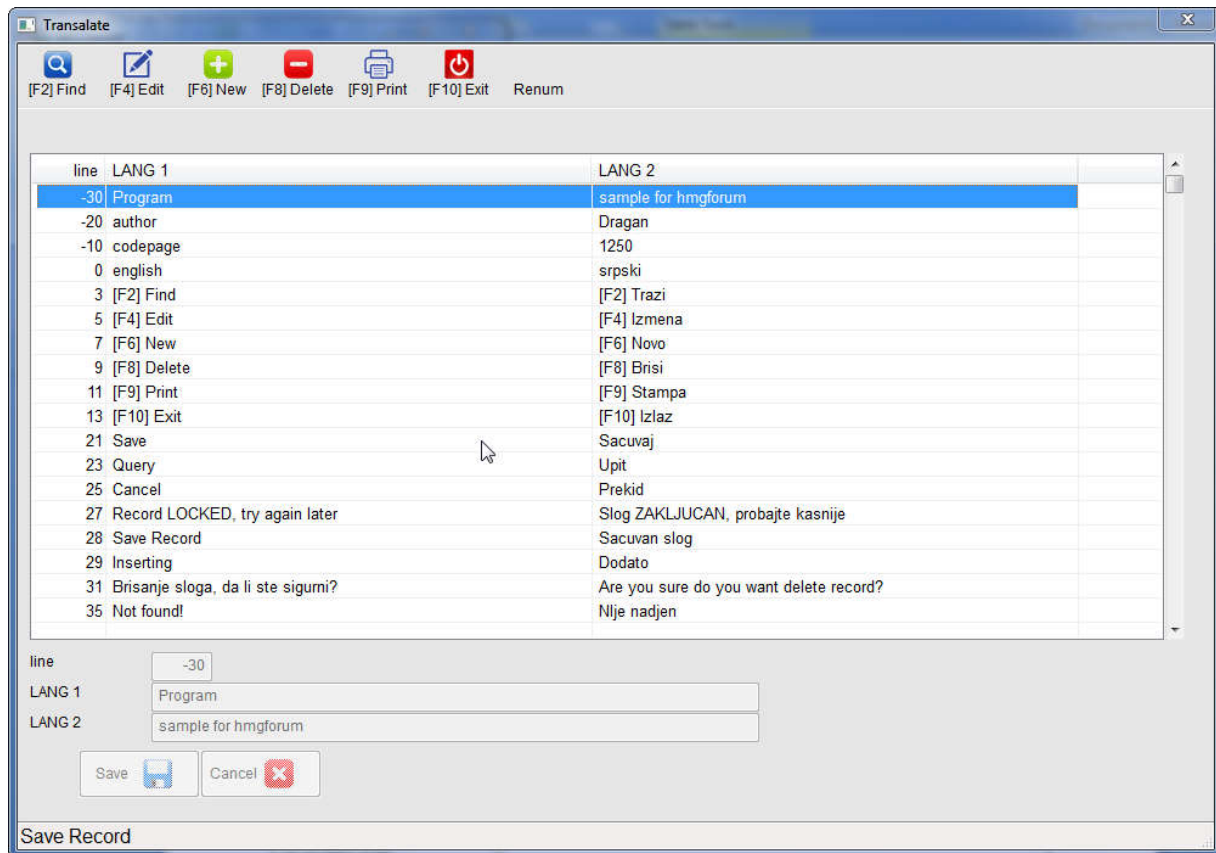


You'll see that many of the strings of the program and there is no need to translate them, you can delete them using the F8 and confirm

After that, there is little rows to be translated

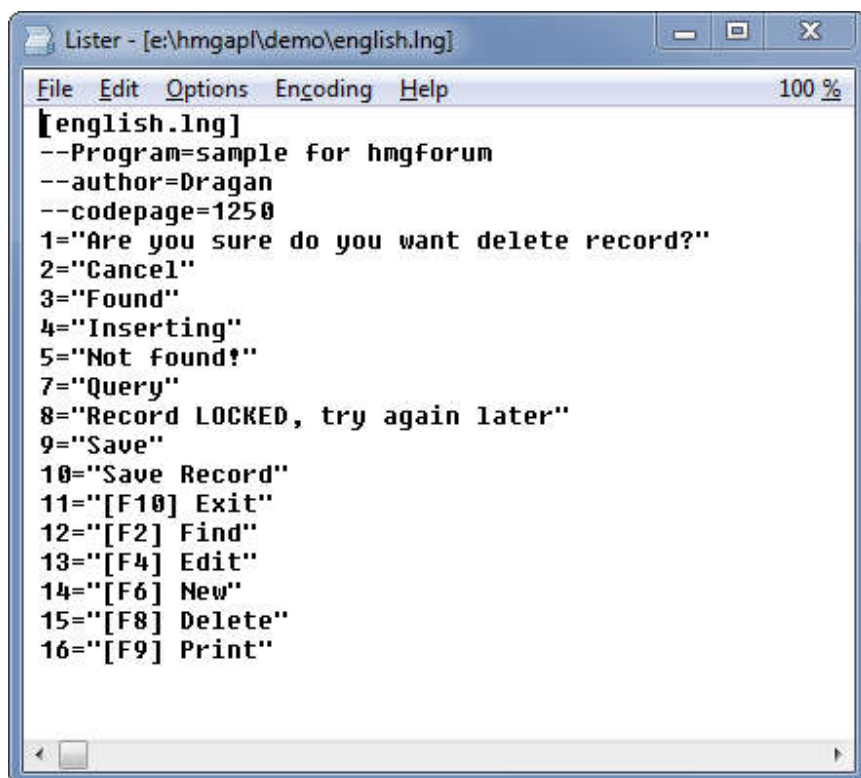


Note: line 0 is input languages, files that retain it will be called that
Line <0 is input comments

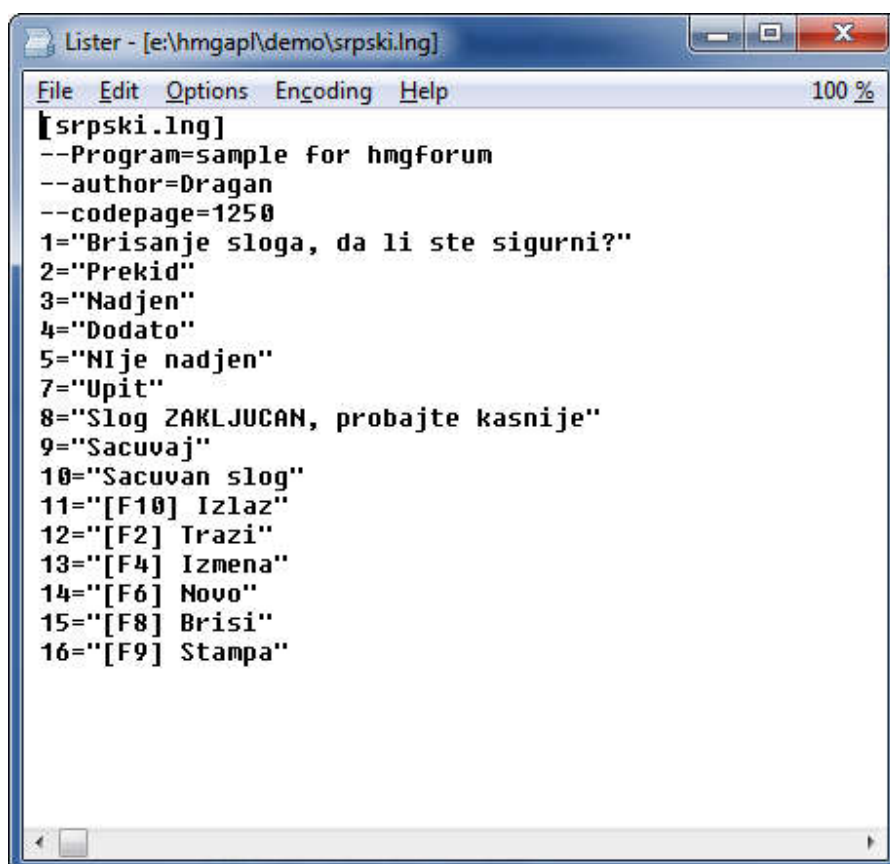


Option RENUM in the Toolbar serves to sort strings

3. "Save translate" - do and you'll have files called that you wrote in the line=0



```
Lister - [e:\hmgapl\demo\english.lng]
File Edit Options Encoding Help 100 %
[english.lng]
--Program=sample for hmgforum
--author=Dragan
--codepage=1250
1="Are you sure do you want delete record?"
2="Cancel"
3="Found"
4="Inserting"
5="Not found!"
7="Query"
8="Record LOCKED, try again later"
9="Save"
10="Save Record"
11="[F10] Exit"
12="[F2] Find"
13="[F4] Edit"
14="[F6] New"
15="[F8] Delete"
16="[F9] Print"
```



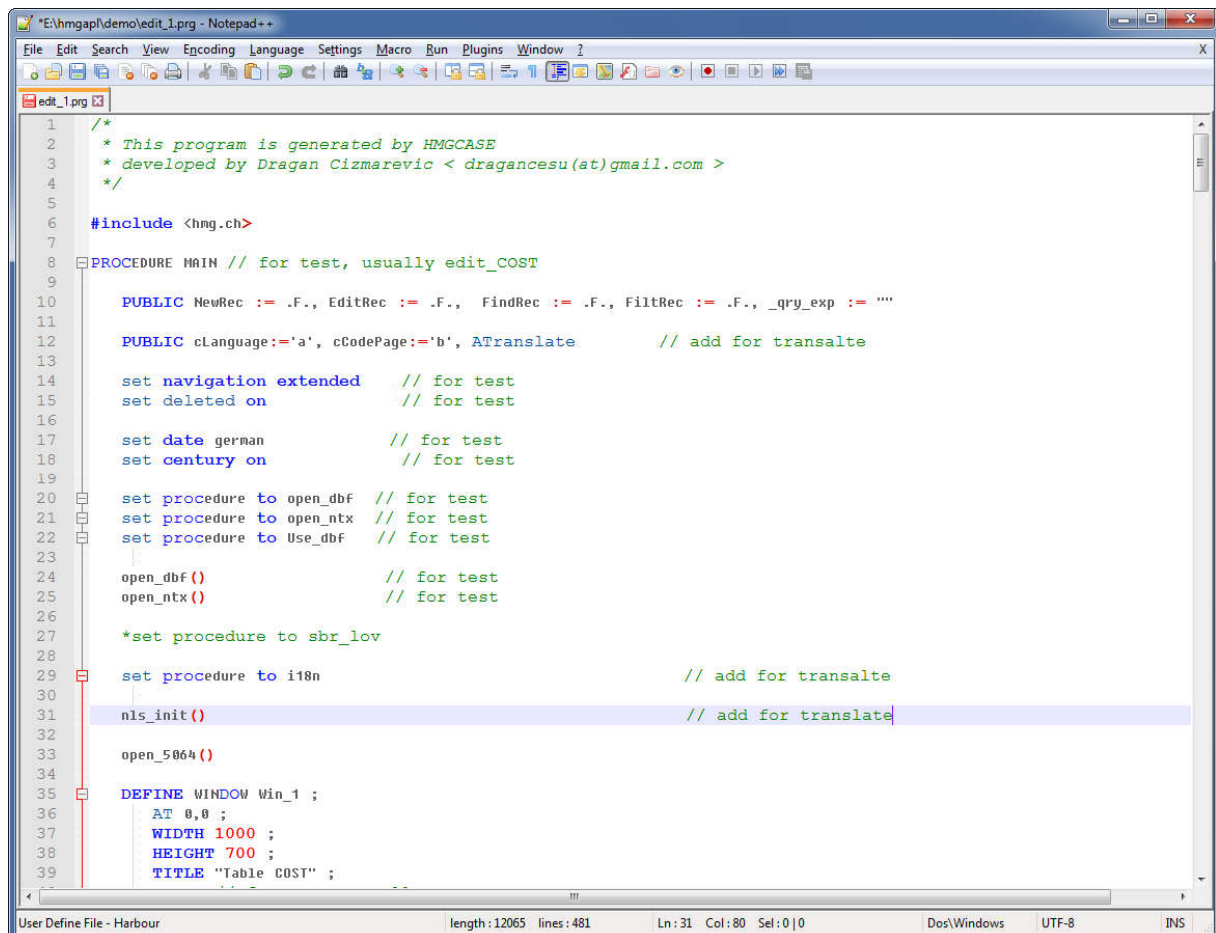
```
Lister - [e:\hmgapl\demo\srpski.lng]
File Edit Options Encoding Help 100 %
[srpski.lng]
--Program=sample for hmgforum
--author=Dragan
--codepage=1250
1="Brisanje sloga, da li ste sigurni?"
2="Prekid"
3="Nadjen"
4="Dodato"
5="NI je nadjen"
7="Upit"
8="Slog ZAKLJUCAN, probajte kasnije"
9="Sacuvaj"
10="Sacuvan slog"
11="[F10] Izlaz"
12="[F2] Trazi"
13="[F4] Izmena"
14="[F6] Novo"
15="[F8] Brisi"
16="[F9] Stampa"
```

Create a folder "lang" and copy them there

We now have a program and translation

The last stage is to add the program i18n.prg in project

In this case, when one program can simply SET PROCEDURE TO i18n



```
1  /*
2  * This program is generated by HMGCASE
3  * developed by Dragan Cizmarevic < dragancesu(at)gmail.com >
4  */
5
6  #include <hmg.ch>
7
8  PROCEDURE MAIN // for test, usually edit_COST
9
10     PUBLIC NewRec := .F., EditRec := .F., FindRec := .F., FiltRec := .F., _qry_exp := ""
11
12     PUBLIC cLanguage:='a', cCodePage:='b', ATranslate           // add for transalte
13
14     set navigation extended           // for test
15     set deleted on                   // for test
16
17     set date german                   // for test
18     set century on                   // for test
19
20     set procedure to open_dbf // for test
21     set procedure to open_ntx // for test
22     set procedure to Use_dbf // for test
23
24     open_dbf()                       // for test
25     open_ntx()                       // for test
26
27     *set procedure to sbr_low
28
29     set procedure to i18n              // add for transalte
30
31     nls_init()                        // add for translate
32
33     open_5064()
34
35     DEFINE WINDOW Win_1 ;
36         AT 0,0 ;
37         WIDTH 1000 ;
38         HEIGHT 700 ;
39         TITLE "Table COST" ;
```

User Define File - Harbour length: 12065 lines: 481 Ln: 31 Col: 80 Sel: 0|0 Dos\Windows UTF-8 INS

Replace the strings that you want to translate the function nls_lang (number)

```
*E:\hmgapl\demo\edit_1.prg - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

edit_1.prg
52
53
54     DEFINE STATUSBAR FONT "Arial" SIZE 12
55     STATUSITEM "Table COST"
56     END STATUSBAR
57
58     DEFINE TOOLBAR ToolBar_1 BUTTONSIZE 50,50 IMAGESIZE 24,24 FLAT BORDER
59
60     BUTTON FIND_5064 ;
61     CAPTION nls_lang(12) ;
62     PICTURE "frm_find.bmp" ;
63     ACTION ( FiltRec := .T., Find_5064() )
64
65     BUTTON EDIT_5064 ;
66     CAPTION nls_lang(13) ;
67     PICTURE "frm_edit.bmp" ;
68     ACTION ( FiltRec := .F., EditRec := .T., NewRec := .F., If ( RecordStatus_5064(), EnableField_5064(), Nil ) )
69
70     BUTTON NEW_5064 ;
71     CAPTION nls_lang(14) ;
72     PICTURE "frm_new.bmp" ;
73     ACTION ( FiltRec := .F., NewRec := .T., EditRec := .F., NewRecord_5064() )
74
75     BUTTON DELETE_5064 ;
76     CAPTION nls_lang(15) ;
77     PICTURE "frm_delete.bmp" ;
78     ACTION ( FiltRec := .F., RecordStatus_5064(), DeleteRecord_5064(), Nil )
79
80     BUTTON PRINT_5064 ;
81     CAPTION nls_lang(16) ;
82     PICTURE "frm_print.bmp" ;
83     ACTION PrintData_5064()
84
85     BUTTON EXIT_5064 ;
86     CAPTION nls_lang(11) ;
87     PICTURE "frm_exit.bmp" ;
88     ACTION Win_1.Release
89
90     // add users functions in Toolbar
91     /*

User Define File - Harbour      length:12068  lines:481  Ln:80  Col:29  Sel:0|0  Dos/Windows  UTF-8  INS
```

The function of language selection is `nls_select()` and should be put somewhere in the main program, here we put the Toolbar


```
E:\hmgapl\demo\edit_1.prg - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

edit_1.prg
79  BUTTON PRINT_5064 ;
80      CAPTION nls_lang(16) ;
81      PICTURE "frm_print.bmp" ;
82      ACTION PrintData_5064()
83
84  BUTTON EXIT_5064 ;
85      CAPTION nls_lang(11) ;
86      PICTURE "frm_exit.bmp" ;
87      ACTION Win_1.Release
88
89  BUTTON FN1_5064 ;
90      CAPTION "NLS select" ;
91      ; //PICTURE "frm_fn.bmp" ;
92      ACTION ( nls_select(), Use_cost() )
93
94  // add users functions in Toolbar
95
96
97  /*
98  BUTTON FN2_5064 ;
99      CAPTION "Fn(2)" ;
100     PICTURE "frm_fn.bmp" ;
101     ACTION nil
102
103  BUTTON FN3_5064 ;
104      CAPTION "Fn(3)" ;
105      PICTURE "frm_fn.bmp" ;
106      ACTION nil
107  */
108
109  END TOOLBAR
110
111  PaintDisplay_5064()
112
113  @ 65, 10 LABEL 1FILTER VALUE "FILTER" WIDTH 55
114  @ 64, 70 TEXTBOX mFILTER WIDTH 600
115
116  @ 90, 10 BROWSE Browse_1 ;
117  OF Win_1 ;

User Define File - Harbour          length: 12111  lines: 483  Ln: 93  Col: 10  Sel: 0 | 0  Dos/Windows  UTF-8  INS
```

