



KazSoft

Harroof Equivalent Manager

Version 1.0.0

User Manual

<http://www.hykaz.com>



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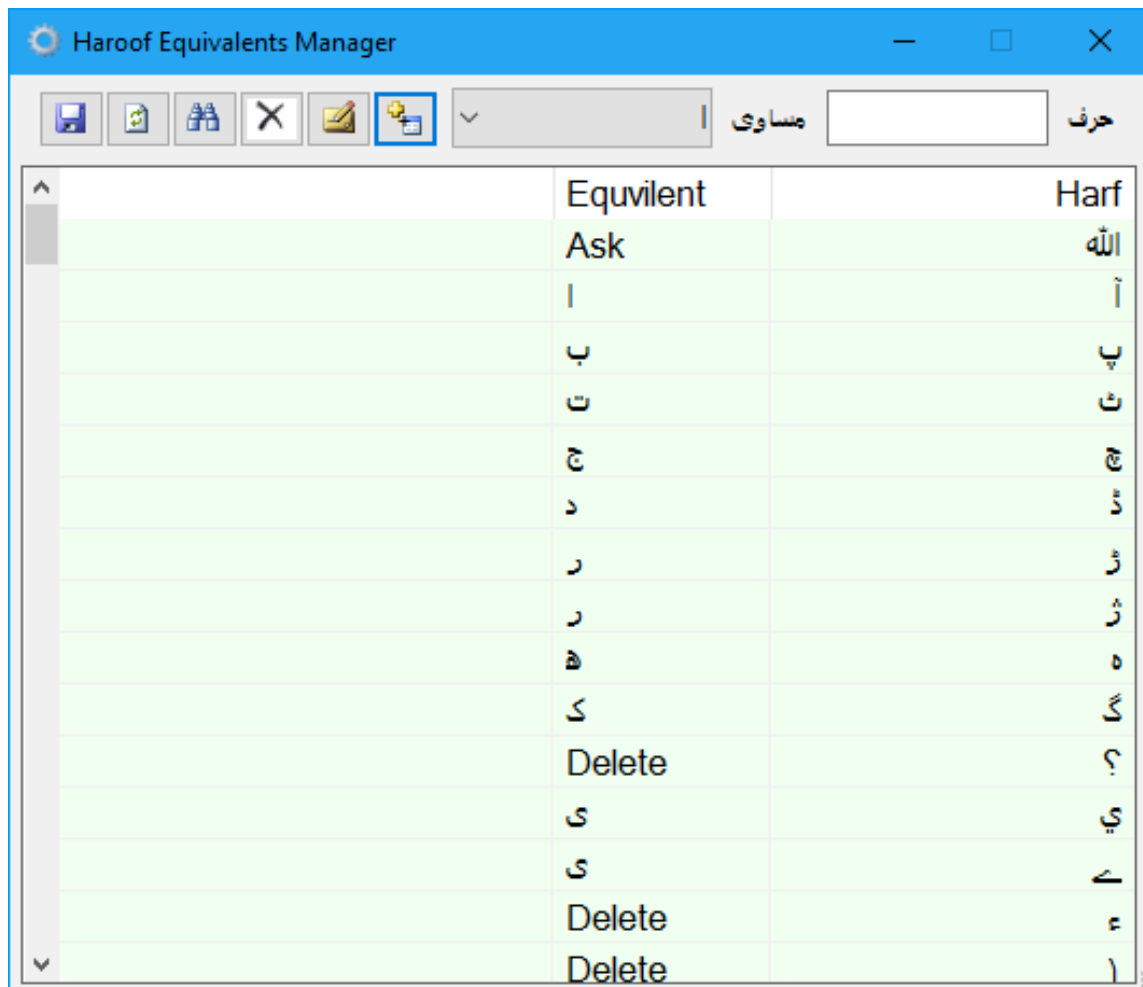
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Introduction

Haroof Equivalent Manager Version 1.0.0

Haroof Equivalent Manager is a component included in almost all of the KazSoft Desktop Ilm e Jafar software. This provides the functionality for automatic replacement of Non Abjad letters with Abjad letters or their deletion them at runtime. This is necessary for proper and errorless Ilm e Jafar calculations.





Functionality:

- Input character or haroof replacements and save them to a file.
- Replace Non Abjad Haroof with equivalent Abjad Haroof at runtime.
- Delete Non Abjad Haroof at runtime.
- Ask the user to input equivalents at runtime
- Edit or update equivalent haroof.
- Search for present haroof.
- Refresh/reload the values.



System Requirements

Below are the system requirements for KazSoft's [Urdu Software Products](#).

Operating Systems

- MS Windows XP with SP3 (Home/Pro 32 Bit) (Pro 64 Bit)
- MS Windows Vista (32/64 bit)
- MS Windows 7 (32/64 Bit)
- MS Windows 8 or 8.1
- MS Windows 10 +

Software

1. **Microsoft Internet Explorer** (Latest Version), some of the software requires this.
2. [Microsoft .Net framework 4](#) Full Version.


Language Requirements

1. **Urdu Language** must be installed on the system.
2. [Phonetic Urdu Keyboard](#) should be installed.

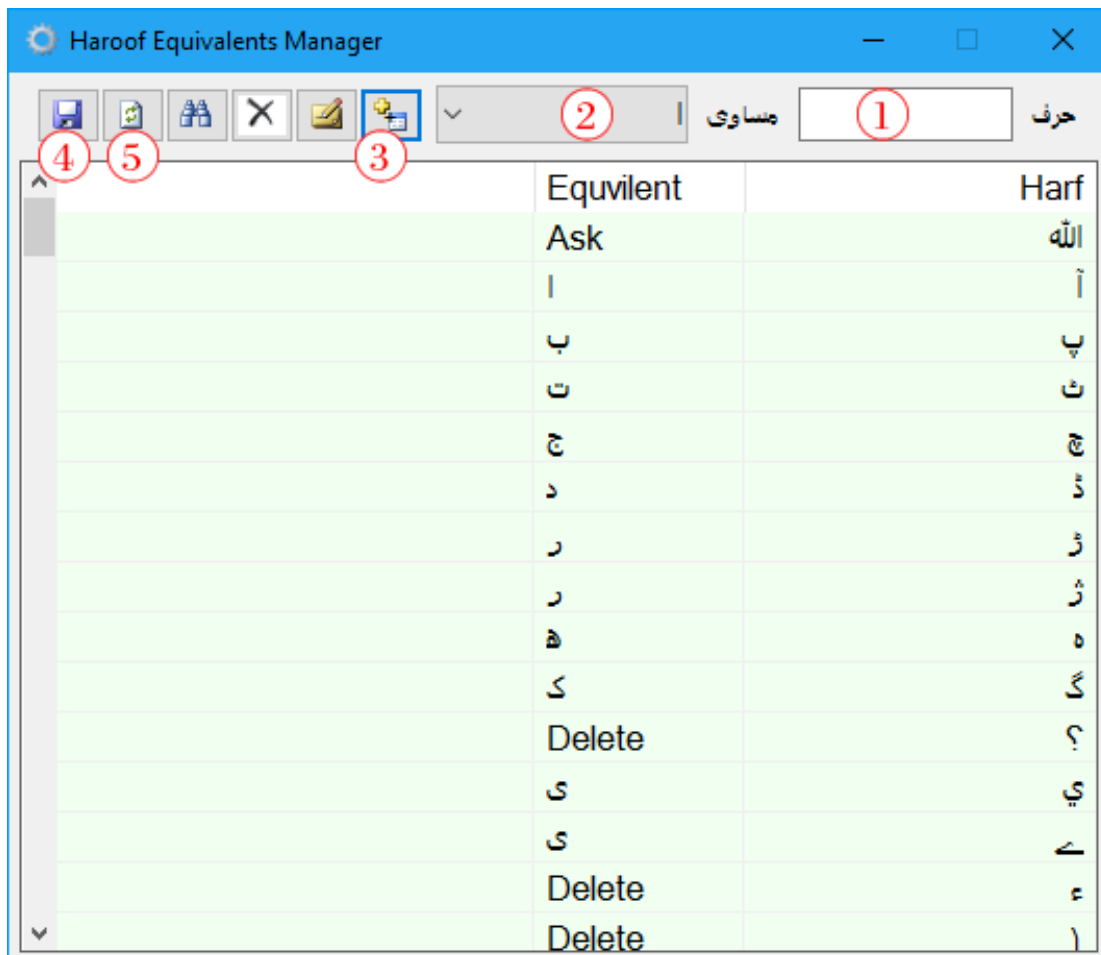


Starting Haroof Equivalent Manager

1. Run the desired software from start menu or Desktop shortcut.

2. Click this icon on toolbar . Or run the component from Tools > Harroof Equivalent Manager.

Adding Haroof Equivalents

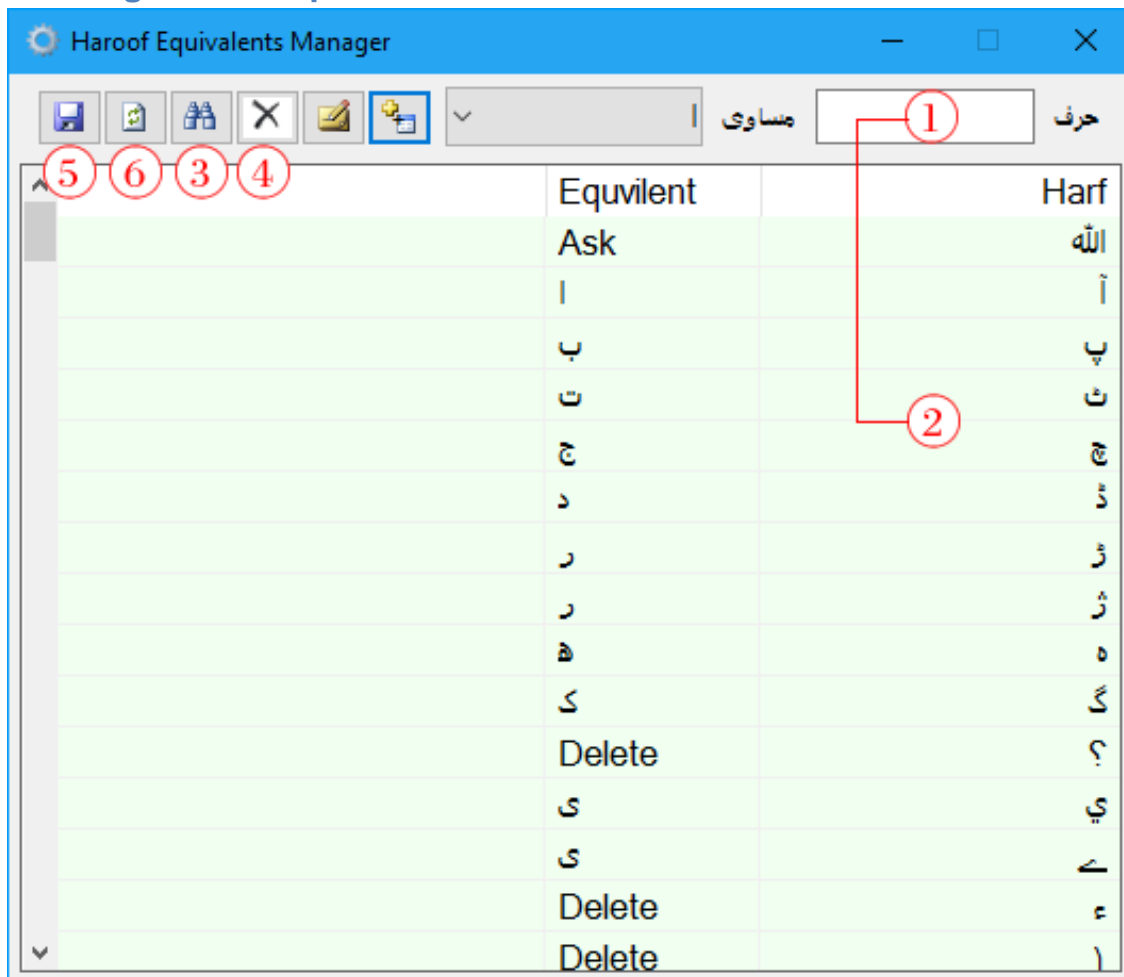


1. Enter Non Abjad Letter in Textbox marked with 1 in Red in above image.
2. Select The Abjad Equivalent from the 28 letters in the dropdown(marked as no 2 in image above) or select one of the following:
 1. **Ask:** Ask the user to type the equivalent at runtime.



2. **Delete:** Automatically delete this letter from Asas it is present.
3. Click on the + button marked as no 3 in image. It will add your input to the list.
4. Click the save button. Marked as No 4 in the image above.
5. You can click the refresh button to reload the data to make sure that the input has been saved [Optional]..

Deleting Haroof Equivalents

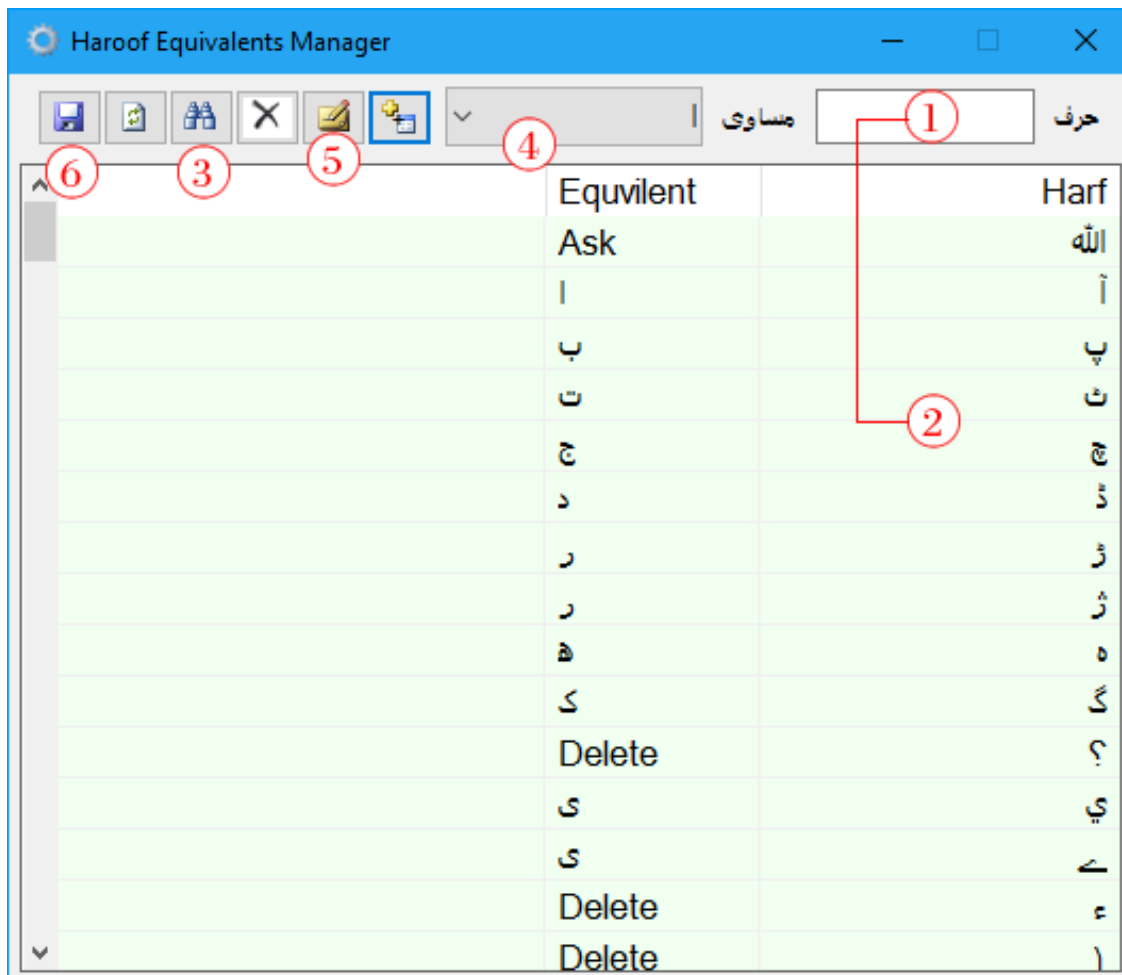


1. Enter a Letter in Textbox marked with 1 in Red in above image or select any letter from the list marked as 2. If you type a letter then press the search button marked as 3 in image.
2. Click the Del button marked as number 4 and confirm.
3. Click the save button marked as No 5 in the image above.



4. You can click the Refresh button to reload values for confirmation [Optional].

Editing Haroof Equivalents



1. Enter a Letter in Textbox marked with 1 in Red in above image or select any letter from the list marked as 2. If you type a letter then press the search button marked as 3 in image.
2. Select new equivalent from the dropdown marked as number 4 in the image.
3. Click the Edit button marked as number 5 in the image above.
4. Click the save button marked as No 6 in the image above.
5. You can click the Refresh button to reload values for confirmation [Optional].



NOTE: After making any changes to data please Press **Reload** button of the software you are using.

Backing up your Haroof Equivalents

In Case you want to upgrade you current version of software or install the software on a new computer and shift your Haroof Equivalents as well, please proceed as follows.

1. Go to “**C:\KazSoft_Jafar_Data\data**” folder on your computer.
2. Copy the file name **Char_Substitutes.txt** to any safe location or flash drive etc.
3. Install your software on new computer or upgrade on same computer and copy paste the saved file back to “**C:\KazSoft_Jafar_Data\data**”. Overwriting the already present file.



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