

CHAPTER

USER MANUAL

The **Limitless Editor** is a type of very simple editor specially designed for java, C++ and C is used in console programming and normal C, C++ and java programs. The screen for java editor is divided into three parts

1) Plain Text Area –

The plain Text Area where you can easily write programs and can also adjust its size by expanding the window size, the default font size of this text area is 10 and default font style is calibre.

2) Tree Area –

The second part of the screens contains the tree, where all the regular functions, class, package, and other keyword are defined. You can easily just double click on the tree to copy the corresponding name of the tree to the text area.

3) Suggestion Area or Autocomplete Area -

The 3rd part of the screen contain the word completion or autocomplete, where application predicts the rest of word a user is typing. In this interfaces, users can typically click on the suggestion and accept one of several.

All this type of functions of the editor will help the user to type the program conveniently and efficiently. Rather than this functioning there is a Tool bar and a menu bar in the editor window which will help you in other options.

- **Toolbar –**

A toolbar is a set of icons or buttons that are part of a software program's interface or an open window. When it is part of a program's interface, the toolbar typically sits directly under the menu bar. Our editor includes a toolbar that allows you to cut, copy, paste, undo, redo and create a new file.

- **Menu Bar-**

This is a most important element of the editor window as it contains every functioning of the editor. You can move along the menu bar moving the cursor and pressing the right key. Alternatively you can use shortcut keys described after menu name below.

When you have selected your menu choice, you can select the option required by use of the UP and DOWN cursor keys and when Thunder announced your choice , press the Enter key and your selection will be activated. Let's see more detailed description of the Menu Bar Items.

- **File menu-**

This is where you can “Open, Close, Save, Rename and Create New “files. An example of such list is shown below and a very brief description of its function.-

Name	Key	Description
New	Ctrl + N	To initialize a new document

Open	Ctrl + O	Allows you to open an existing document
Save	Ctrl + S	Allows you to save a named document without clearing the document. If you are working on a document for a long time it is recommended that you save your work at regular intervals so as to minimise the loss of data.
Save As	Ctrl + Shift +S	This gives you the option of saving your document under a new name or different format.
Exit	Ctrl + X	You can leave the Editor with or without saving your document, be careful. Have some fun trying out these options. Please be careful when experimenting, we do not want you to lose any vital data.

- **EDIT –**

This is where you can "Cut, Copy, and Paste" characters, words in your documents. An example of such a list is shown below and a very brief description of its function. The shortcut key combinations are shown in Key column following the Name option.

Name	Method to select	Description
Cut	<ul style="list-style-type: none">• Use keyboard shortcut Ctrl-X.• Choose Cut from the Edit menu.• Click on Cut button in the toolbar.• Right-click on the selection and choose Cut from the context menu.	The selection will be Cut to the clipboard buffer. To remind you of this, the border of the selection will be shown as "marching ants". The selection will be moved to a new location as soon as you choose Paste command as described below.
Copy	<ul style="list-style-type: none">• Use keyboard shortcut Ctrl-C.• Choose Copy from the Edit menu.• Click on Copy button in the toolbar.• Right-click on the selection and choose Copy from the context menu.	The selection will be copied to the clipboard buffer. The selection will be copied to a new location as soon as you choose Paste command as described below.

Paste	<ul style="list-style-type: none"> • Use keyboard shortcut Ctrl-V. • Choose Paste from the Edit menu. • Click Paste button in the toolbar. • Right-click on the cell and choose Paste from the context menu. 	<p>If you are pasting a selection which was cut to the clipboard buffer, all cell references in all formulas will remain unchanged. The original selection will be removed from the workbook and the clipboard buffer will be cleared.</p>
Undo	<ul style="list-style-type: none"> • Use keyboard shortcut Ctrl + Z. • Choose Undo from the Edit menu. • Click Undo button in the toolbar. • Right-click on the cell and choose Undo from the context menu. 	<p>To reverse your last action, press CTRL+Z.</p> <p>You can reverse more than one action.</p>

Redo	<ul style="list-style-type: none"> • Use keyboard shortcut Ctrl + R. • Choose Redo from the Edit menu. • Click Redo button in the toolbar. • Right-click on the cell and choose Redo from the context menu. 	<p>To reverse your last Undo, press CTRL+R.</p> <p>You can reverse more than one action that has been undone.</p> <p>You can use Redo command only after Undo command.</p>
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Preferences –

The preference menu consists of only one Menu Item i.e. Toggle Line Number generally use to hide and show the line number

Name	Method to select	Description
Toggle Line Number	Choose Toggle Line Number from the Edit menu	Use to display or hide line numbers on left hand side of the Plain Text Area.

Format Menu-

The format command is commonly used among the other commands on the Limitless editor menu bar. It helps us to format documents in various ways to achieve the desired effects. The following options are available on the format menu.

Name	Method to select	Description
Font	<ul style="list-style-type: none">• Use keyboard shortcut Ctrl + F.• Choose Font from the Edit menu.	This command enables us to format the Font by changing the font, font style, size, font colour, underline style, underline colour and you can also add some special effects like strikethrough and Underline.

Run Menu-

This is the important menu of our editor which have two sub menu, they are Run java program and Run C/C++ program. As there name suggest what this options actually do is to run the java program C program and the C++ program separately.

Name	Method to select	Description
Run Java Program	<ul style="list-style-type: none">• Use keyboard shortcut Shift + J.• Choose Run Java program from the Edit menu.	As there name suggest what this options actually do it will run currently save java program if the extension of the saved program is .java else it will run the last saved file of java
Run C Program	<ul style="list-style-type: none">• Use keyboard shortcut Shift + C.• Choose Run C program from the Edit menu.	It will run currently save C program if the extension of the saved program is .c and run C++ program if the extension of the saved program is .cpp else it will run the last save file of C/C++

Voice Menu-

This menu will convert the text into speech and read it aloud in computerized voice and helps the blind people to read the code. This menu contains two more sub menus they are as follows-

Name	Method to select	Description
Male	<ul style="list-style-type: none">• Use keyboard shortcut Ctrl +Shift + M.• Choose Male from the Voice menu.	It will convert the text into speech and read the converted text in Male voice
Female	<ul style="list-style-type: none">• Use keyboard shortcut Ctrl +Shift + F.• Choose Female from the Voice menu.	It will convert the text into speech and read the converted text in Female voice

