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| **Ex.No:1.c** | **BASICS OF UNIX COMMANDS** |
| **UNIX EDITORS** |

# AIM:

To study of various UNIX editors such as vi, ed, ex and EMACS.

# CONCEPT:

Editor is a program that allows user to see a portions a file on the screen and modify characters and lines by simply typing at the current position. UNIX supports variety of Editors. They are:

ed ex vi EMACS

Vi- vi is stands for “visual”.vi is the most important and powerful editor.vi is a full screen editor that allows user to view and edit entire document at the same time.vi editor was written in the University of California, at Berkley by Bill Joy, who is one of the co-founder of Sun Microsystems.

# Features of vi:

It is easy to learn and has more powerful features.

Itworksgreatspeedandiscasesensitive.vihaspowerfulundofunctionsandhas3modes:

1. Command mode
2. Insert mode
3. Escape or ex mode

In command mode, no text is displayed on the screen.

In Insert mode, it permits user to edit insert or replace text. In escape mode, it displays commands at command line.

Moving the cursor with the help of h, l, k, j, I, etc

# EMACS Editor

Motion Commands:

M-> Move to end of file

M-< Move to beginning of file

C-v Move forward a screen M –v Move backward a screen C –n Move to next line C-p Move to previous line

C-a Move to the beginning of the line C-e Move to the end of the line

C-f Move forward a character C-b Move backward a character M-f Move forward a word

M-b Move backward a word

Deletion Commands:

DEL delete the previous character C -d delete the current character M -DEL delete the previous word

M-d delete the next word

C-x DEL deletes the previous sentence

M-k delete the rest of the current sentence

C-k deletes the rest of the current line

C-xu undo the lasted it change

Search and Replace in EMACS:

y Change the occurrence of the pattern

n Don‟t change the occurrence, but look for the other q Don‟t change. Leave query replace completely

! Change this occurrence and all others in the file