

Assignment No – 01

Title – Basic Linux commands and Shell Programming

Problem statement :

A. Study of Basic Linux Commands: echo, ls, read, cat, touch, test, loops, arithmetic comparison, conditional loops, grep, sed etc.

B. Write a program to implement an address book with options given below: a) Create address book. b) View address book. c) Insert a record. d) Delete a record. e) Modify a record. f) Exit

Theory :

A. Linux Basic Command

Command Name – echo

Description - echo command in linux is used to display line of text/string that are passed as an argument

Options- (At least 4 options)

-n do not print the trailing newline.

-e enable interpretation of backslash escapes.

\b backspace

\\ backslash

Command name- ls

Description of command -

Options used in LS command-

Example- screen shot

Grep

Ls

Linux terminal

m

Ls= folder – view list of files and folders

Read= read the content from file descriptor

Cat = concatenate = to concatenate a file

Touch = to create a file

Test = check the file types and compare the values

Grep = pattern matching –

loops,

arithmetic comparison

, conditional loops