LINUX CLASS-4

VIM EDITOR: This is used to edit the data in a files in linux machine. It has 3 modes

1. COMMAND MODE
2. INSERT MODE
3. SAVE & QUIT MODE

COMMAND MODE: This is the default mode in VIM editor, In this mode we can copy, delete, paste, undo, redo the changes. This mode is used to perform actions only

NOTE: If you want to perform any key, we should be in command mode only.

i. gg : used to go to the top of the file (1st line)
ii. G : used to go to the last of the file
iii. M : used to go the middle of the screen
iv. 7gg : used to go to 7th line of the file
v. :21 : used to go to 21st line of the file
vi. :set number : used to set numbers to the file
vii. yy : used to copy the line
viii. 3yy : used to copy 3 lines
ix. p : used to paste the copied content
x. 3p : used to print 3 times
xi. dd : used to delete a line
xii. 3dd : used to delete 3 lines
xiii. u : used for undo
xiv. ctrl + r : used to redo the data
xv. /word : used to search for a word
xvi. ?word : used to search got a word
xvii. :%s/oldword/newword : used to replace first occurance of a file
xviii. :%s/oldword/newword/g : used to replace all occurances of a file

INSERT MODE: It is used to insert the data in a file.

i : used to go to insert mode from command mode

ecs : used to go to command mode from insert mode

A : used to go to end of the line

I : used to fo to starting of the line

O : used to create a new line (above cursor)

o : used to create a new line (below cursor)

SAVE & QUIT MODE: It is used to save the data and quit from vim editor

:w : data will gets saved

:q : quit from vim editor

:wq : save & quit from vim editor

:w! : save forcefully

:q! : quit forcefully

:wq! : save & quit forcefully

vim -o file1 file2 : used to read the 2 files one by one

vim -O file1 file2 : used to read 2 files side by side

ANALYSIS THE FILE:

-rw-r--r-- 1 root root 2782 Oct 12 02:24 aws

TYPE OF THE FILE:

reglar files : -

directory files: d

character files : c

blocked files : b

PERMISSIONS OF A FILE :

rw-r--r--

READ : r ------> 4

WRITE : w -----> 2

EXECUTE : x -----> 1

NOTHING : - -----> 0

USER PERMISSIONS : rw- = 6

r = 4, w=2, -=0

4+2+0=6

GROUP PERMISSIONS : r-- = 4

r=4, -=0, -=0

4+0+0=4

OTHERS PERMISSIONS : r-- = 4

r=4, -=0, -=0

4+0+0=4

EX: rwx r-x --x

rwx = 4+2+1 = 7

r-x = 4+0+1 = 5

--x = 0+0+1 = 1

751

EX: rw- -w- --x

621

ACL (Access Control List) :

FILE : 1

FOLDER : 2

OWNERS OF THE FILES (root root):

root : user

root : group

NO OF CHARACTERS IN A FILE:

2782

RECENT TIME STAMP OF A FILE: (Oct 12 02:24)

FILENAME : (aws)

TASK-1:

JUST ASSUME THAT I HAVE FOLDER1, INSIDE FOLDER1 I HAVE FOLDER2, IN FOLDER2 THERE ARE SOME FILES (5 FILES), NOW I WANT TO COPY THE FILES FROM FOLDER2 TO FOLDER1