Linux Commands Assignments - I

1. List the directory contents date wise sorted. (man ls)

2. List the directory contents size wise sorted.(man ls)

3. List directory contents along with their inode no. (man ls)

4. List the contents of sub directory.

5. Create a file , write your surname and name in it and save.
i.now open the same file and add your address in it and save.
ii.reopen the same file and check your name and address in it.

6. how to change the time stamp of file (man touch)

7. Create directory structure : Give following commands ,
    -> mkdir one
    -> cd one
    -> touch 1.txt 11.txt 111.txt
    -> mkdir two
    -> cd two
    -> touch 2.txt 22.txt 222.txt
    -> mkdir three
    -> cd three
    -> touch 3.txt 33.txt 333.txt
    -> mkdir four
    -> cd four
    -> touch 4.txt 44.txt 444.txt
    -> mkdir five
    -> cd five
    -> touch 5.txt 55.txt 555.txt
    -> cd ~ (i.e. go to your home directory)

8. Considering above directory structure , Do following operations :

    i. list the directory contents of directory named "five" from current directory (i.e. home directory).

ii. write your name in a file named "44.txt" of directory "four" from current directory.

iii.remove the file named "555.txt" from directory "five" from current directory.

iv. change directory to five (i.e. cd one/two/three/four/five/).

v. write your course name in file named "3.txt" which resides in directory "three" from current directory (i.e. five).also read the same file.

vi. list the contents of directory "two" from current directory (i.e. five).

vii. remove file named "222.txt" which belongs to directory "two" from current directory (i.e. five)

viii. now change the directory to "one"

ix. remove all files only from directory named "five" from current directory (i.e. one)

x. remove directory named "five" from current directory (i.e. one)

xi. remove whole directory named "four" from current directory (i.e. one)

xii. change to your home directory.

9. change the time stamp of file named "3.txt" which resides in directory named "three".(man touch)

10. Create a file named "data.txt" and write following 6 lines in it(write as it is).

"Linux is open source.
In linux everything
is file. files have permissions.
files have inode no.
files have size.
there are several types of file"

i. count the no. of words ,characters and lines from above

file.(man wc)

ii. list the lines having word "files" (man grep)

iii. list the lines having word "file" (man grep)

iv.list the lines which don't have word "files" (man grep)

v. list the lines having word "have" along with count. (man grep)

vi. list the lines starts with letter "f" (man grep)

vii. list the lines ends with "g" (man grep)

viii. list only first two lines.(man head)

ix. list only last three lines.(man tail)

x. list line no.3,4 and 5 . (man head and tail)