**Handout-4**

1. Execute***ls*** command with different option and analyze the output.
2. Execute ***chmod*** command to change file permissions and analyze the output.

Specify the **chmod** expression required to change current file permissions to

(i) rwxrwxrwx (ii) r--r----- (iii) --------- (iv) rw-r-xr--

using both relative and absolute methods of assigning permissions.

1. (i) Create a file “emp.dat”

(ii) Link “employee” to “emp.dat”

(iii) Link “emp.lst” to “employee”

(iv) Display long listing of attributes for all the above 3 files and analyze the output

(v) Remove “emp.dat” (vi) Display long listing with ls –li emp\* and observe the output

1. (i) Create a file students.txt

(ii) Create a symbolic link “stud.sym”

(iii) Create a hard link “students” for “students.lst”

(iv) Execute ls –li stud\* and observe the output

1. (i) Create a file emp.txt

(ii) Create a link “emp.sym”

(iii)

(iv) Execute ls –li emp\* and observe the output