**Creating files**

**==================**

**to create empty files**

**touch filename**

**To create multiple files**

**touch file1 file2 file3**

**Touch not only creates empty files but it also updates the**

**time stamps of the files**

**We can also use cat command for creating files**

**cat > file1**

**Insert text into the file**

**to come of the file press ctr+d**

**To view the contents of the file**

**cat file1**

**when creating a file using cat...if the file is already**

**existing cat will overwrite file...**

**if the file is not exisitng it will create new file**

**To append data to an exisitng file**

**cat >> filename**

**Copying files**

**=================**

**cp is command for copying files**

**Syntax**

**cp srcfile destfile**

**if the destfile is already exisiting cp will overwrite the file**

**if the desfile is not present it will create a new file**

**if the dest is a directory it will create a new file in**

**the directory**

**To copy a complete directory aloang with all the files**

**and subdirectories**

**cp -R srcdir destdir**

**When ever we copy a file the destination file will always**

**get the latest time stamp...if we want to preserve the**

**time stamps**

**cp -p srcfile destfile**

**Renaming files**

**or cut and paste**

**======================**

**mv is the command for renaming files**

**mv file1 file2**

**file1 will be renamed as file2 and file1 will not be present**

**anymore**

**If the destiantion is a directory mv will work like cut and paste**

**mv file directory**

**Text Processing tools**

**==========================**

**wc: is used for word count..it can count the no of words**

**no of lines and no of characters in file**

**To find only the no of line from a file**

**wc -l**

**To find only no of words form a file**

**wc -w**

**To find only no of characters from a file**

**wc -c**

**To sort the data in a file**

**sort filename**

**To perform a numeric sort**

**sort -n filenaame**

**to perform a reverse numeric sort**

**sort -nr filename**

**To display the top ten lines of the file**

**head filename**

**To display any other no of lines give that number with -**

**head -3 filename**

**To display the last 10 lines of the file**

**tail filename**

**to diaplay last 4 lines of the file**

**tail -4 filename**

**To do live monitoring of the last few lines of the file**

**tail -f filename**