

**#pwd ( Displays the current working dir )**

**Creating an empty file :**

```
#touch <FileName>  
file1
```

**Identifying the type of file :**

```
#file <FN>  
file1
```

**O/P**

file1 : empty

**Creating multiple empty files :**

```
#touch file2 file3 file4 file5
```

**Creating Text file :**

```
#cat >file6  
aaaaaaaaaaaaa  
bbbbbbbbbbbbbb  
cccccccccccccccc  
ctl + D ( Save & Exit )
```

```
#file file6
```

**Reading the contents of a file :**

```
#cat file6  
aaaaaaaaaaaaa  
bbbbbbbbbbbbbb  
cccccccccccccccc
```

**Appending text to a file :**

```
#cat >>file6  
dddddddddddddd  
eeeeeeeeeeeeeeee  
ffffffffffffffff  
ctl+D
```

```
#cat file6  
aaaaaaaaaaaaa  
bbbbbbbbbbbbbb  
cccccccccccccccc  
dddddddddddddd  
eeeeeeeeeeeeeeee  
ffffffffffffffff
```

**Creating hidden file:**

```
#touch .file7
```

```
#cat >.file8  
1111  
222222  
ctl+D
```

```
#cat .file7
```

```
#cat >>.file7  
33333  
4444444  
ctl+D
```

### **Creating DIR:**

```
#mkdir /dir1
```

### **Creating multiple dir:**

```
#mkdir /dir2 /dir3 /dir4 /dir5
```

### **Creating multiple sub dir:**

```
#mkdir -p /dir6/1/2/3/4/5  
-p --> Parent
```

```
#pwd  
/
```

```
#cd /dir6  
#pwd  
/dir6  
#ls  
1  
#cd 1  
#pwd  
/dir6/1  
#ls  
2  
#cd 2  
#pwd  
/dir6/1/2  
#ls  
3  
#cd 3  
#pwd  
/dir6/1/2/3  
#ls  
4
```

```
#cd 4
#pwd
/dir6/1/2/3/4
#ls
5
#cd 5
#pwd
/dir6/1/2/3/4/5
```

```
#cd
#pwd
/root
#cd /dir6/1/2/3/4/5
#pwd
/dir6/1/2/3/4/5
```

```
#cd .. ( Moves to one previous working dir)
#cd ../../ ( Moves to 2 previous working dir's)
#cd ../../(Moves to 3 previous working dir's)
```

#### **renaming file :**

```
file 4 ==> file9
#mv <SFN> <DFN>
    file4  file9
```

#### **Hiding a file :**

```
#mv <SFN> <.DFN>
    file6  .file6
```

#### **Unhiding an existing file :**

```
#mv <.SFN> <DFN>
    .file6 file6
```

#### **Deleting a file :**

```
#rm <FN>
    file6
#rm -f <FN>
    file6
-f - forcibilly
```

#### **Copying files :**

```
#cp file6 file10
```

#### **Copying Dir :**

```
#cp -r /dir1 /dir10
```

**Delete Dir :**

```
#rm -r /dir10
```

**Listing Commands :**

```
#ls (Lists all the files & dir Under the PWD in alphabetical order)
```

```
#ls -r (Lists all the files & dir Under the PWD in reverse order)
```

```
#ls -a (Lists all the files & dir including hidden Under the PWD)
```

```
#ls -p or F (Lists the difference bew the file / Directories)
```

```
#ls -l (Lists all files & dir along with their perm)
```

```
#ls -l <filename> (Displays perm of specific file)  
ab
```

```
#ls -ld <DN> (Displays perm of a specific directory)  
/oracle
```

```
#ls -li <FN> (Displays the inode number of a specific file)  
abc1
```

```
#ls -lt (Lists all the files / Dir along with its perm based on date & time)
```

```
#ls -ltr(Lists all the files / Dir along with its perm based on date & time in reverse order)
```

When we create file using cat command, It is not possible fo us to edit the file. To edit the files we use VI editor. VI editor stands Visual Editor. The Main objective of VI Editor is to edit the files.

```
#vi abc1 ( To edit a file named “abc1 under pwd”)
```

**esc+i : To insert the keys**

**esc+shift+i : Moves the cursor current line first position**

**esc+shift+a : Moves the cursor current line last position**

**esc+j : Moves the cursor to the next line**

**esc+k : Moves the cursor to the Moves the cursor to the next line previous line**

**esc+o : Moves the cursor to the next line and creates new line**

**esc+shift+o : Moves the cursor to previous line and creates new line**

**esc+x : Deleting single character**

esc+Nx : **deleting N number of characters**  
esc+dw : **Deleting an entire word**  
esc+Ndw : **Deleting N number of words**  
esc+dd : **Deleting an entire line**  
esc+Ndd : **Deleting N Number of lines**  
esc+r : **Replacing a character**  
esc+shift+h : **Moves the cursor current page first position**  
esc+shift+g : **Moves the cursor current page last position**  
esc+yw : **Copying a word**  
esc+Nyw : **Copying N number of words**  
esc+yy : **Copy a line**  
esc+Nyy : **COpying N number of lines**  
esc+p : **To Paste**  
esc+shift+i : **Moves the cursor current line first position**  
esc+shift+a : **Moves the cursor current line last position**  
esc+j : **Moves the cursor to the next line**  
esc+k : **Moves the cursor to the previous line**  
esc+o : **Moves the cursor to the next line and creates new line**  
esc+shift+o : **Moves the cursor to previous line and creates new line**  
esc+x : **Deleting single character**  
esc+Nx : **Deleting N number of characters**  
esc+dw : **Deleting an entire word**  
esc+Ndw : **Deleting N number of words**  
esc+dd : **Deleting an entire line**  
esc+Ndd : **Deleting N Number of lines**  
esc+r : **Replacing a character**  
esc+shift+h : **Moves the cursor current page first position**  
esc+shift+g : **Moves the cursor current page last position**  
esc+yw : **Copying a word**  
esc+Nyw : **Copying N number of words**  
esc+yy : **Copy a line**  
esc+Nyy : **Copying N number of lines**  
esc+p : **To paste**  
esc+w : **Moves the cursor to the next word first position**  
esc+b : **Moves the cursor to the previous word first position**  
esc+e : **Moves the cursor to the next word last position**  
esc+shift+~ : **Converts all the lower to upper case and vice versa**

esc+shift+: ( **type the collan mode command here** ) To enter collan mode  
esc+shift+: set nu ( **Displays the page in line numbers** )  
esc+shift+: set nonu ( **Disables the page line numbers** )  
esc+shift+: Nd ( **Deleting an nth line** )  
esc+shift+: 4,40d ( **deletes the lines from 4 to 40** )  
esc+shift+: 2 co 10 ( **COpies the 2nd line and paste in the 11th line** )  
esc+shift+: 10,16 co 33 ( **Copies lines from 10 to 16 and paste from 34th line** )  
esc+shift+: 4 mov 10 ( **Replacing the 10th line with 4th line** )  
esc+shift+: 12,15 mov 34 ( **Moving 12 to 15 lines to 34** )  
esc+shift+: w ( **save with out quitting the file** )  
esc+shift+: wq ( **Save and quit the file normally** )  
esc+shift+: wq! ( **Save and quit the file forcibily** )  
esc+shift+:q! ( **Quit with out saving** )