#umask -> 0022 -> # vim /etc/profile -> to modify the umask

$umask -> 0002 -> # vim /etc/bashrc -> to modify the umask

User File Creation Mask

touch File1
ls –l File1
-rw- r-- r--. 1 root root   0 Nov 7 18:41 File1
mkdir pepsi
ls -ld pepsi
d rwx r-x r-x. 2 root root 6 Nov 7 18:12 pepsi

r – 4								
w – 2		U	G	O		U	G	O
x – 1		7	7	7		6	6	6
	0	0	2	2	0	0	2	2
7 (rwx)	0	7 (rwx)	5 (r-x)	5 (r-x)	0	6 (rw-)	4 (r--)	4 (r--)

#chmod –R u+,-,=rwx, g+,-,=rwx, o+,-,=rwx file name -> to change permission for existing file
#chmod –R a+,-,=rwx file name
#chmod –R 755 file name
#chown -R username file name (or) #chown username:groupname file name -> to modify a owner and group owner for existing file
#chgrp group name file name -> to modify a group owner for file

Special Permissions
S s 0022 T t

User -> suid -> setuid -> #chmod u+s file name (or) #chmod 4744 file name -> only for ex-file not for dirs

Group -> sgid -> setgid -> #chmod g+s dir name (or) #chmod 2775 dir name -> for files and dirs

Other -> sticky -> #chmod o+t dir name (or) #chmod 1757 dir name -> only for dirs not for files