

# OPERATING SYSTEM MINI-PROJECT-1

## STUDENTS' CONTRIBUTION INFO

Student's Name	Contribution
1.Shivam Saboo(201651061)	cd command, displaycurrent directory
2.Nikhil Sachan(201651034)	cd ..
3.Khilan Ravani(201651023)	rmdir, rmdir -r, rmdir -p
4.Subhash Kalicharan(201651048)	rmdir -v
5.Aman Yadav(201651007)	mkdir, mkdir -p
6.Suchendra(201651021)	mkdir -v
7.Piyush Pawar(201651037)	pwd
8.Avdhesh Yadav(201651010)	pwd
9.Anshuman Verma(201651060)	ls, ls -a
10.Mayank Pathela(201651029)	ls -l, test.txt
11.Rashmi(201761006)	Exit command

\*Main function was collectively collaborated by all the members of the group.

# USER MANUAL:

```
$ cd sea-shell/src  
$ gcc main.c  
$ ./a.out
```

## DESCRIPTION OF CODES:-

# ls : Display all files and folders

- l : display files/directories (not hidden) with permissions, size, last modified time etc.

- a : display all files/directories (hidden inclusive) with permissions, size, last modified time etc.

\* *sample usage* : `$ ls -a`

# pwd : Display current path.

\* *sample usage* : `$ pwd`

# mkdir <dir name> : create a new directory with a supplied file name.

- v : verbose.

- p : create a directory with supplied absolute path.

\* *sample usage* : `$ mkdir -p /home/user/test`

# rmdir <dir name> : remove a directory with supplied dir name (if empty).

- r : Force delete a directory through unlinking its contents.

- v : verbose.

- p : delete a directory with supplied absolute path

\* *sample usage* : `$ rmdir -r test`

# cd <dir name> : Change current directory to the supplied directory.

- cd .. : Go to previous directory.

- cd : Go to home directory.

\* *sample usage* : `$ cd test`

# exit : exit our sea-shell.

## NOTE:

- \* There can be only single space between command name, parameters and tags (though leading or trailing white spaces in input command doesn't matter)
- \* There can be only single deletion/creation per command `rmdir/mkdir` respectively.