

Last login: Thu Apr 7 14:32:40 on ttys000

The default interactive shell is now zsh.

To update your account to use zsh, please run `chsh -s /bin/zsh`.

For more details, please visit <https://support.apple.com/kb/HT208050>.

MES-Macs-Mac-mini:~ mca\$ pwd

/Users/mca

MES-Macs-Mac-mini:~ mca\$ cd desktop

MES-Macs-Mac-mini:desktop mca\$ cd college

MES-Macs-Mac-mini:college mca\$ ls

mca

MES-Macs-Mac-mini:college mca\$ cd mca

MES-Macs-Mac-mini:mca mca\$ ls

s1 s2 s3 s4

MES-Macs-Mac-mini:mca mca\$ cd s1

MES-Macs-Mac-mini:s1 mca\$ ls

s1.txt

MES-Macs-Mac-mini:s1 mca\$ cp s1.txt

usage: cp [-R [-H | -L | -P]] [-fi | -n] [-apvXc] source\_file target\_file

cp [-R [-H | -L | -P]] [-fi | -n] [-apvXc] source\_file ... target\_directory

MES-Macs-Mac-mini:s1 mca\$ cp s1.txt semester1.txt

MES-Macs-Mac-mini:s1 mca\$ mv semester1.txt s1.txt

MES-Macs-Mac-mini:s1 mca\$ rmdir 56

rmdir: 56: No such file or directory

MES-Macs-Mac-mini:s1 mca\$ ls

s1.txt

MES-Macs-Mac-mini:s1 mca\$ cd

MES-Macs-Mac-mini:~ mca\$ cd desktop

MES-Macs-Mac-mini:desktop mca\$ mkdir 56

mkdir: 56: File exists

MES-Macs-Mac-mini:desktop mca\$ mkdir suh

MES-Macs-Mac-mini:desktop mca\$ rmdir suh

MES-Macs-Mac-mini:desktop mca\$ pwd

/Users/mca/desktop

MES-Macs-Mac-mini:desktop mca\$ cd college

MES-Macs-Mac-mini:college mca\$ cd mca

MES-Macs-Mac-mini:mca mca\$ ls

s1 s2 s3 s4

MES-Macs-Mac-mini:mca mca\$ cut -b 1,2,3 s1.txt

cut: s1.txt: No such file or directory

MES-Macs-Mac-mini:mca mca\$ ls

s1 s2 s3 s4

MES-Macs-Mac-mini:mca mca\$ cut -b 1,2,3 s1.txt

cut: s1.txt: No such file or directory

MES-Macs-Mac-mini:mca mca\$ ls

s1 s2 s3 s4

MES-Macs-Mac-mini:mca mca\$

MES-Macs-Mac-mini:mca mca\$ cd s1.txt

-bash: cd: s1.txt: No such file or directory

MES-Macs-Mac-mini:mca mca\$ cd s1

MES-Macs-Mac-mini:s1 mca\$ cut -b 1,2,3 s1.txt

[

```
MES-Macs-Mac-mini:mca mca$ cd s1
MES-Macs-Mac-mini:s1 mca$ cut -b 1,2,3 s1.txt
|
ASE
MFC
COA
MES-Macs-Mac-mini:s1 mca$ cut -b 1-3,6-8 s1.txt
```

```
|
ASE
MFC
COA
MES-Macs-Mac-mini:s1 mca$ grep "m" s1.txt
MES-Macs-Mac-mini:s1 mca$ grep "a" s1.txt
MES-Macs-Mac-mini:s1 mca$ ls
s1.txt
MES-Macs-Mac-mini:s1 mca$ cd -
/Users/mca/desktop/college/mca
MES-Macs-Mac-mini:mca mca$ cd s2
MES-Macs-Mac-mini:s2 mca$ grep "a" s2.txt
grep: s2.txt: No such file or directory
MES-Macs-Mac-mini:s2 mca$ grep "A" s2.txt
grep: s2.txt: No such file or directory
MES-Macs-Mac-mini:s2 mca$ cat s1.txt
cat: s1.txt: No such file or directory
MES-Macs-Mac-mini:s2 mca$ cat s2.txt
cat: s2.txt: No such file or directory
MES-Macs-Mac-mini:s2 mca$ cd -
/Users/mca/desktop/college/mca
MES-Macs-Mac-mini:mca mca$ cd s2
MES-Macs-Mac-mini:s2 mca$ ls
subject.txt
MES-Macs-Mac-mini:s2 mca$ grep "O" subject.txt
OS
MES-Macs-Mac-mini:s2 mca$ pwd
/Users/mca/desktop/college/mca/s2
MES-Macs-Mac-mini:s2 mca$ vi subject.txt
MES-Macs-Mac-mini:s2 mca$ head subject.txt
```

```
|
SUBJECTS
```

```
ACN
DBMS
BUSINESS MANAGMENT
OS
```

```
MES-Macs-Mac-mini:s2 mca$ tail subject.txt
```

If you are using any major operating system you are indirectly interacting to shell. If you are running Ubuntu, Linux Mint or any other Linux distribution, you are interacting to shell every time you use terminal. In this article I will discuss about linux shells and shell scripting so before understanding shell scripting we have to get familiar with following terminologies

```
MES-Macs-Mac-mini:s2 mca$ chmod a+x subject.txt
MES-Macs-Mac-mini:s2 mca$ chmod a-r subject.txt
MES-Macs-Mac-mini:s2 mca$ cat subject.txt
cat: subject.txt: Permission denied
MES-Macs-Mac-mini:s2 mca$ chmod u+w subject.txt
MES-Macs-Mac-mini:s2 mca$ cat subject.txt
cat: subject.txt: Permission denied
MES-Macs-Mac-mini:s2 mca$ chmod a+x subject.txt
MES-Macs-Mac-mini:s2 mca$ cat subject.txt
cat: subject.txt: Permission denied
MES-Macs-Mac-mini:s2 mca$ ls -d
.
MES-Macs-Mac-mini:s2 mca$ chmod a+r subject.txt
MES-Macs-Mac-mini:s2 mca$ cat subject.txt
```

## SUBJECTS

- ACN
- DBMS
- BUSINESS MANAGMENT
- OS

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```
MES-Macs-Mac-mini:s2 mca$ █
```