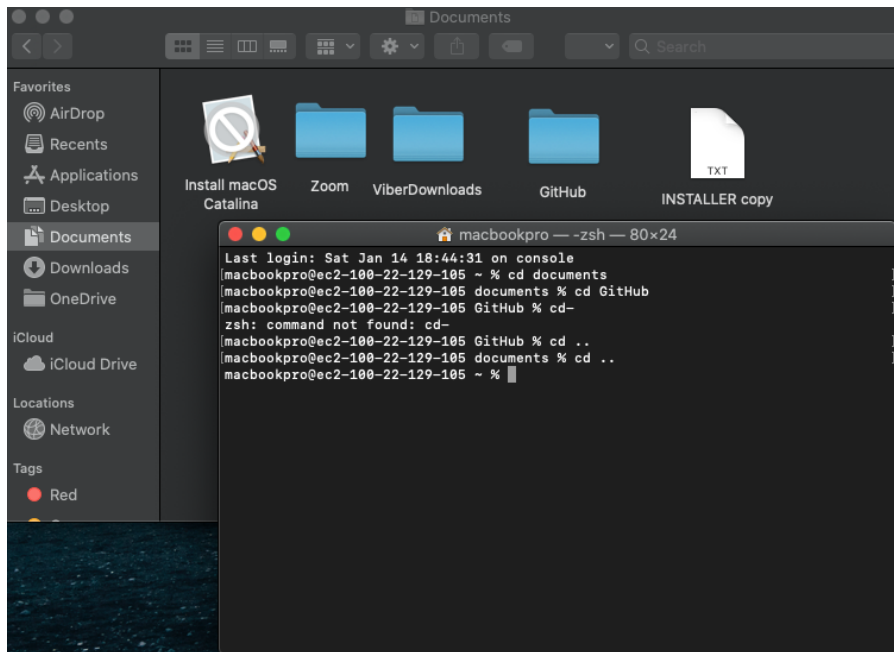
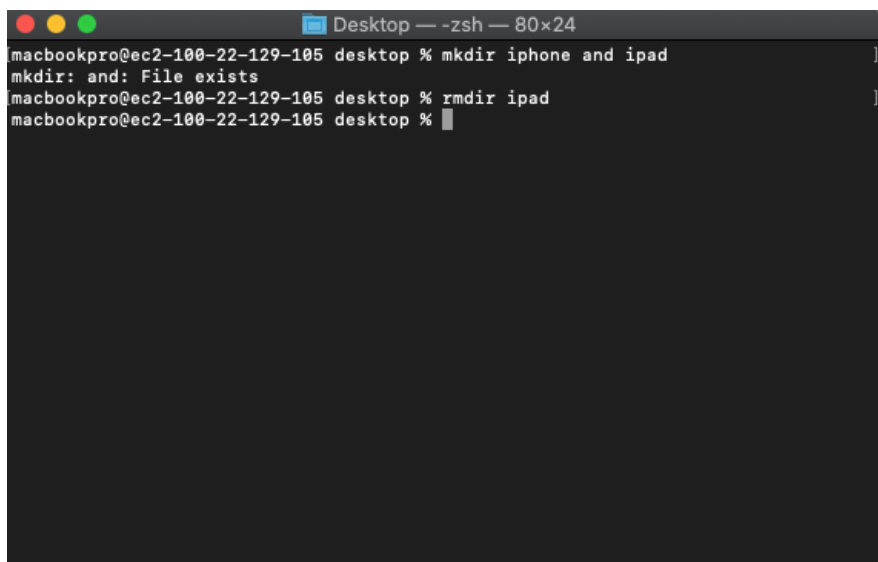


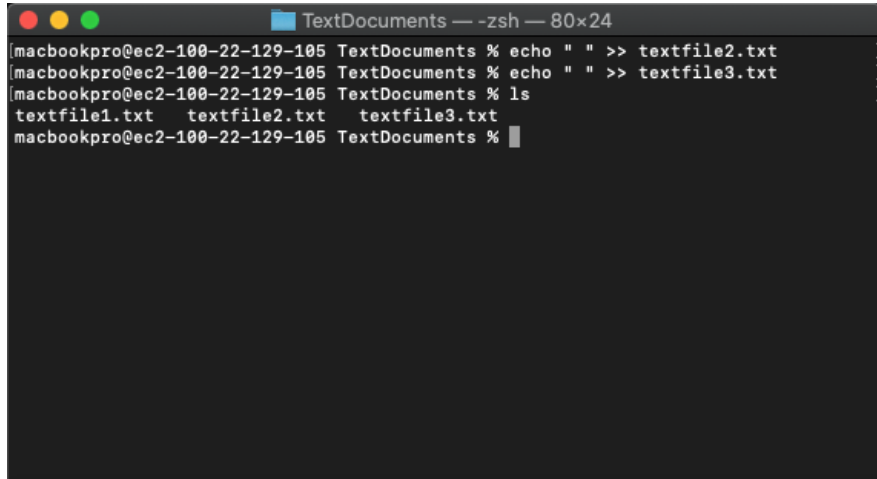
1. What is the command to change directory and how to move one directory back?



2. What is the command to make directory named IPHONE and IPAD and remove the directory named IPAD?

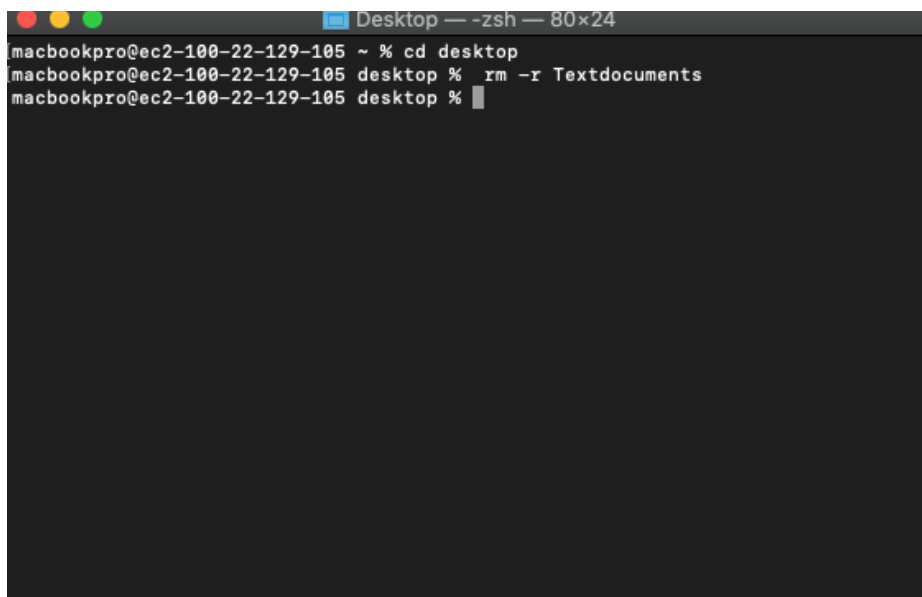


3. Make a directory name TextDocuments in the desktop and make 3 text files: textfile1.txt, textfile2.txt and textfile3.txt inside the TextDocument.

A terminal window titled "TextDocuments — -zsh — 80x24" is shown. The prompt is "macbookpro@ec2-100-22-129-105 TextDocuments %". The user enters "echo " " >> textfile2.txt", then "echo " " >> textfile3.txt", and finally "ls". The output of "ls" shows "textfile1.txt", "textfile2.txt", and "textfile3.txt". The prompt returns to "macbookpro@ec2-100-22-129-105 TextDocuments %".

```
macbookpro@ec2-100-22-129-105 TextDocuments % echo " " >> textfile2.txt
macbookpro@ec2-100-22-129-105 TextDocuments % echo " " >> textfile3.txt
macbookpro@ec2-100-22-129-105 TextDocuments % ls
textfile1.txt  textfile2.txt  textfile3.txt
macbookpro@ec2-100-22-129-105 TextDocuments %
```

4. Remove the directory TextDocuments and contents within it.

A terminal window titled "Desktop — -zsh — 80x24" is shown. The prompt is "macbookpro@ec2-100-22-129-105 ~ %". The user enters "cd desktop", then "rm -r Textdocuments", and finally "rm -r Textdocuments". The prompt returns to "macbookpro@ec2-100-22-129-105 desktop %".

```
macbookpro@ec2-100-22-129-105 ~ % cd desktop
macbookpro@ec2-100-22-129-105 desktop % rm -r Textdocuments
macbookpro@ec2-100-22-129-105 desktop %
```

5. What is the command to list all the invisible files and to display the directories in detail?

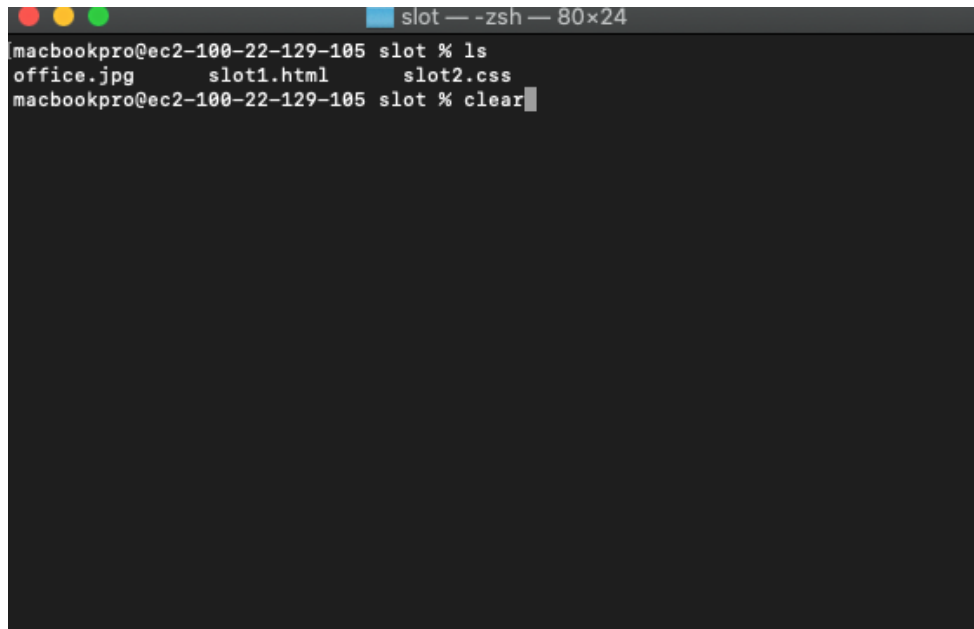
a. ls -a

b. ls -l

c. ls -al

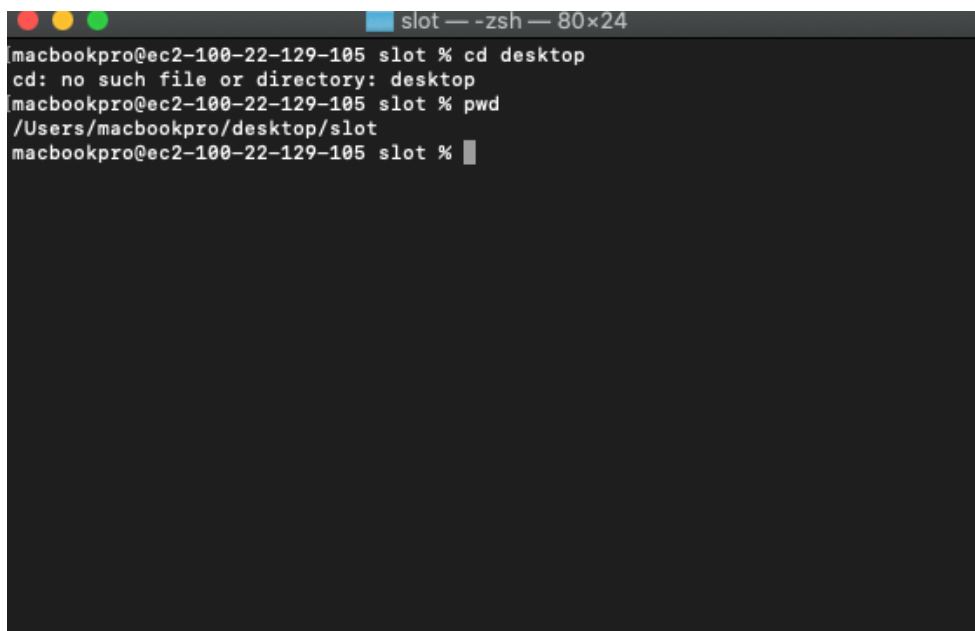
```
macbookpro@ec2-100-22-129-105 ~ % ls -a
.
..
.AFTVolumes
.CFUserTextEncoding
.DDLocalBackups
.DDPreview
.DS_Store
.Trash
.android
.bash_history
.bash_profile
.bash_profile.pysave
.bash_sessions
.cache
.config
.git
.gitconfig
.idlerc
.local
.logsim
.mono
.openjfx
.patched-sur
.python_history
.vscode
.zprofile
macbookpro@ec2-100-22-129-105 ~ % ls -l
total 6272
drwxr-xr-x 10 macbookpro staff 320 Dec 4 15:43 ABHISHEK
drwxr-xr-x 5 macbookpro staff 160 Dec 3 20:17 ABHISHEK -copy
drwx----- 8 macbookpro staff 256 Dec 27 18:11 Applications
drwxr-xr-x@ 4 macbookpro staff 128 Nov 28 17:59 Applications (Parallels)
drwx----- 48 macbookpro staff 1536 Jan 17 13:17 Desktop
drwx----- 11 macbookpro staff 352 Nov 30 19:56 Documents
drwxr-xr-x@ 74 macbookpro staff 2368 Jan 15 09:34 Downloads
drwxr-xr-x 3 macbookpro staff 96 Dec 11 22:08 IdeaProjects
drwx----- 81 macbookpro staff 2592 Jan 4 09:52 Library
drwx----- 6 macbookpro staff 192 Nov 10 12:14 Movies
drwx----- 10 macbookpro staff 320 Nov 10 12:14 Music
drwx----- 9 macbookpro staff 288 Jan 14 18:45 OneDrive
drwx----- 3 macbookpro staff 96 Nov 28 18:10 Parallels
drwx----- 9 macbookpro staff 288 Nov 10 12:32 Pictures
drwxr-xr-x+ 4 macbookpro staff 128 Sep 9 2021 Public
drwxr-xr-x 2 macbookpro staff 64 Jun 5 2022 Templates
drwxr-xr-x 3 macbookpro staff 96 Dec 23 2021 Wondershare
drwxr-xr-x 16 macbookpro staff 512 Dec 5 11:44 a
drwxr-xr-x 7 macbookpro staff 224 Dec 11 20:06 abhishek
drwxr-xr-x 6 macbookpro staff 192 Nov 23 11:55 av
-rw-r--r-- 1 macbookpro staff 2560888 Sep 23 21:44 get-pip.py
drwxr-xr-x 26 macbookpro staff 832 Jan 3 18:57 homebrew
drwxr-xr-x 7 macbookpro staff 224 Nov 28 12:32 java
drwx----- 9 macbookpro staff 288 Dec 6 12:45 logsim
-rw-r--r-- 1 macbookpro staff 3274 Dec 21 16:31 mergesort_2338790.java.
macbookpro@ec2-100-22-129-105 ~ % ls -al
total 6440
drwxr-xr-x+ 52 macbookpro staff 1664 Jan 17 12:47 .
drwxr-xr-x 5 root admin 160 Sep 22 2020 ..
drwx----- 2 macbookpro staff 64 Mar 1 2022 .AFTVolumes
-rw----- 1 macbookpro staff 7 Sep 9 2021 .CFUserTextEncoding
drwx----- 2 macbookpro staff 64 Feb 3 2022 .DDLocalBackups
drwx----- 2 macbookpro staff 64 Feb 3 2022 .DDPreview
-rw-r--r--@ 1 macbookpro staff 18436 Jan 17 12:57 .DS_Store
drwx----- 8 macbookpro staff 256 Jan 17 13:06 .Trash
drwxr-xr-x 5 macbookpro staff 160 Feb 3 2022 .android
-rw----- 1 macbookpro staff 2233 Sep 30 20:35 .bash_history
-rw-r--r-- 1 macbookpro staff 680 Sep 23 14:56 .bash_profile
-rw-r--r-- 1 macbookpro staff 510 Sep 23 10:20 .bash_profile.pysave
drwx----- 141 macbookpro staff 4512 Sep 24 18:55 .bash_sessions
drwxr-xr-x@ 4 macbookpro staff 128 Dec 13 07:23 .cache
drwxr-xr-x 6 macbookpro staff 192 Jun 5 2022 .config
drwxr-xr-x 9 macbookpro staff 288 Dec 6 08:49 .git
-rw-r--r-- 1 macbookpro staff 198 Dec 1 12:03 .gitconfig
drwxr-xr-x 4 macbookpro staff 128 Sep 24 16:29 .idlerc
drwxr-xr-x 3 macbookpro staff 96 Jun 5 2022 .local
drwxr-xr-x 3 macbookpro staff 96 Dec 22 14:07 .logsim
drwxr-xr-x 3 macbookpro staff 96 Dec 23 2021 .mono
drwxr-xr-x 3 macbookpro staff 96 Nov 23 10:23 .openjfx
drwxr-xr-x 5 macbookpro staff 160 Sep 11 2021 .patched-sur
-rw----- 1 macbookpro staff 378 Sep 24 18:26 .python_history
drwxr-xr-x 4 macbookpro staff 128 Mar 30 2022 .vscode
-rw-r--r-- 1 macbookpro staff 243 Jan 4 10:44 .zprofile
-rw----- 1 macbookpro staff 33441 Jan 16 21:43 .zsh_history
drwxr-xr-x 10 macbookpro staff 320 Dec 4 15:43 ABHISHEK
drwxr-xr-x 5 macbookpro staff 160 Dec 3 20:17 ABHISHEK -copy
drwx----- 8 macbookpro staff 256 Dec 27 18:11 Applications
drwxr-xr-x@ 4 macbookpro staff 128 Nov 28 17:59 Applications (Parallels)
drwx----- 48 macbookpro staff 1536 Jan 17 13:17 Desktop
drwx----- 11 macbookpro staff 352 Nov 30 19:56 Documents
drwxr-xr-x@ 74 macbookpro staff 2368 Jan 15 09:34 Downloads
drwxr-xr-x 3 macbookpro staff 96 Dec 11 22:08 IdeaProjects
drwx----- 81 macbookpro staff 2592 Jan 4 09:52 Library
drwx----- 6 macbookpro staff 192 Nov 10 12:14 Movies
drwx----- 10 macbookpro staff 320 Nov 10 12:14 Music
drwx----- 9 macbookpro staff 288 Jan 14 18:45 OneDrive
drwx----- 3 macbookpro staff 96 Nov 28 18:10 Parallels
drwx----- 9 macbookpro staff 288 Nov 10 12:32 Pictures
drwxr-xr-x+ 4 macbookpro staff 128 Sep 9 2021 Public
drwxr-xr-x 2 macbookpro staff 64 Jun 5 2022 Templates
drwxr-xr-x 3 macbookpro staff 96 Dec 23 2021 Wondershare
drwxr-xr-x 16 macbookpro staff 512 Dec 5 11:44 a
drwxr-xr-x 7 macbookpro staff 224 Dec 11 20:06 abhishek
drwxr-xr-x 6 macbookpro staff 192 Nov 23 11:55 av
-rw-r--r-- 1 macbookpro staff 2560888 Sep 23 21:44 get-pip.py
drwxr-xr-x 26 macbookpro staff 832 Jan 3 18:57 homebrew
drwxr-xr-x 7 macbookpro staff 224 Nov 28 12:32 java
drwx----- 9 macbookpro staff 288 Dec 6 12:45 logsim
-rw-r--r-- 1 macbookpro staff 3274 Dec 21 16:31 mergesort_2338790.java.
```

6. How to remove the commands from screen without closing the terminal?



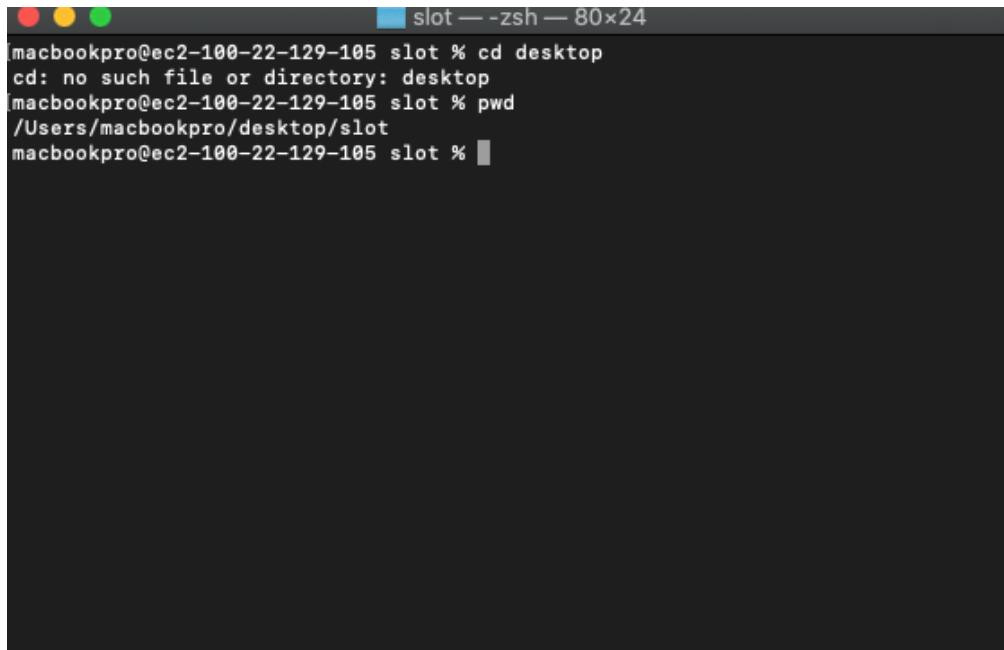
```
macbookpro@ec2-100-22-129-105 slot — -zsh — 80x24
macbookpro@ec2-100-22-129-105 slot % ls
office.jpg      slot1.html      slot2.css
macbookpro@ec2-100-22-129-105 slot % clear
```

7. Which command is used to find out the path of the current working directory (folder) you're in?



```
macbookpro@ec2-100-22-129-105 slot — -zsh — 80x24
macbookpro@ec2-100-22-129-105 slot % cd desktop
cd: no such file or directory: desktop
macbookpro@ec2-100-22-129-105 slot % pwd
/Users/macbookpro/desktop/slot
macbookpro@ec2-100-22-129-105 slot %
```

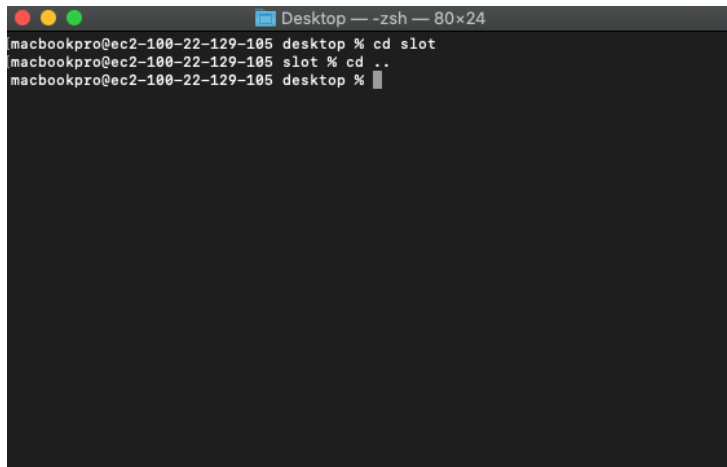
8. What is the command to check which directory are you currently working on?



```
macbookpro@ec2-100-22-129-105 slot — zsh — 80x24
macbookpro@ec2-100-22-129-105 slot % cd desktop
cd: no such file or directory: desktop
macbookpro@ec2-100-22-129-105 slot % pwd
/Users/macbookpro/desktop/slot
macbookpro@ec2-100-22-129-105 slot %
```

9. What is the difference between?

a. `cd ..`



```
macbookpro@ec2-100-22-129-105 desktop — zsh — 80x24
macbookpro@ec2-100-22-129-105 desktop % cd slot
macbookpro@ec2-100-22-129-105 slot % cd ..
macbookpro@ec2-100-22-129-105 desktop %
```

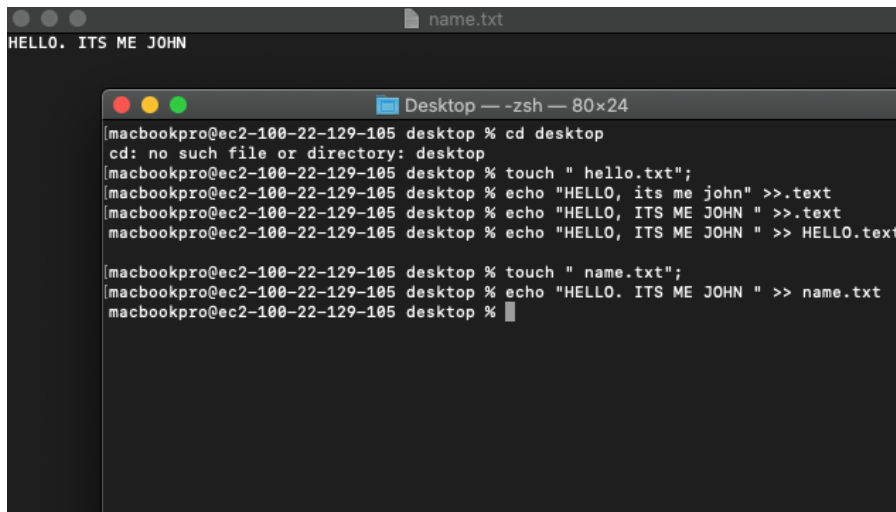
b. cd

```
macbookpro@ec2-100-22-129-105 desktop % cd slot
macbookpro@ec2-100-22-129-105 slot % cd ..
macbookpro@ec2-100-22-129-105 desktop %
```

c. cd -

```
Last login: Tue Jan 17 12:47:18 on ttys000
macbookpro@ec2-100-22-129-105 ~ % cd desktop
macbookpro@ec2-100-22-129-105 desktop % cd slot
macbookpro@ec2-100-22-129-105 slot % cd -
~/desktop
macbookpro@ec2-100-22-129-105 desktop %
```

10. Create a file name name.txt on Desktop and add text “Hello, my name is John” into the file.

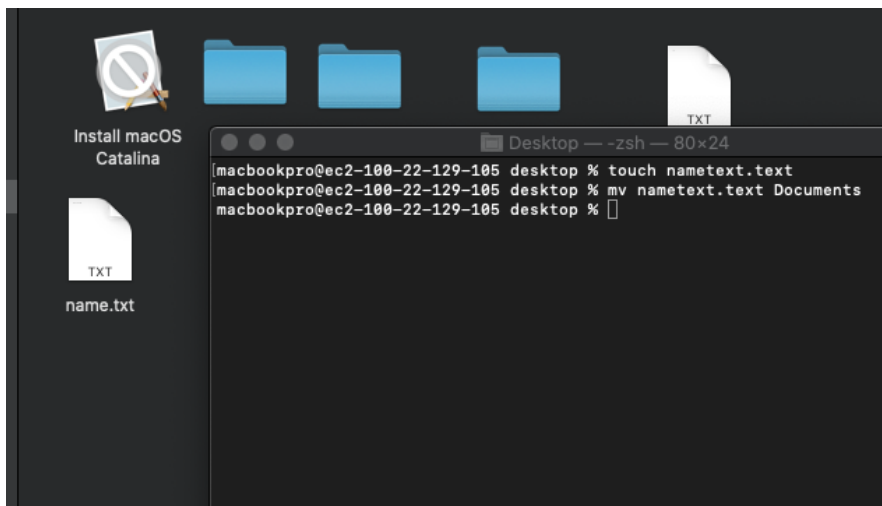


```
HELLO. ITS ME JOHN

Desktop — -zsh — 80x24
[macbookpro@ec2-100-22-129-105 desktop % cd desktop
cd: no such file or directory: desktop
[macbookpro@ec2-100-22-129-105 desktop % touch "hello.txt";
[macbookpro@ec2-100-22-129-105 desktop % echo "HELLO, its me john" >>.text
[macbookpro@ec2-100-22-129-105 desktop % echo "HELLO, ITS ME JOHN " >>.text
[macbookpro@ec2-100-22-129-105 desktop % echo "HELLO, ITS ME JOHN " >> HELLO.txt

[macbookpro@ec2-100-22-129-105 desktop % touch "name.txt";
[macbookpro@ec2-100-22-129-105 desktop % echo "HELLO. ITS ME JOHN " >> name.txt
[macbookpro@ec2-100-22-129-105 desktop %
```

11. Copy new.txt from the current directory to a Document directory.



```
Desktop — -zsh — 80x24
[macbookpro@ec2-100-22-129-105 desktop % touch nametext.txt
[macbookpro@ec2-100-22-129-105 desktop % mv nametext.txt Documents
[macbookpro@ec2-100-22-129-105 desktop %
```

The image shows a terminal window with a file manager overlay on the left. The file manager displays the Desktop directory with icons for 'Install macOS Catalina' and a file named 'name.txt'. The terminal window shows the execution of commands to create 'nametext.txt' and move it to the 'Documents' directory.

12. Compress the file “name.txt” into a zip archive.

```
macbookpro@ec2-100-22-129-105 desktop % gzip name.txt
gzip: can't stat: name.txt (name.txt): No such file or directory
macbookpro@ec2-100-22-129-105 desktop % gzip HELLO.txt
gzip: can't stat: HELLO.txt (HELLO.txt): No such file or directory
macbookpro@ec2-100-22-129-105 desktop % gzip HELLO.txt
macbookpro@ec2-100-22-129-105 desktop % ls
```

13. df is used to get the report of disk space uses on the system. The results shown is KBs. What if I want to see the report in megabytes?

```
macbookpro@ec2-100-22-129-105 desktop % df
Filesystem            512-blocks    Used Available Capacity iused   ifree %Used    Mounted on
/dev/disk1s1          499446368    21966760  267802248      8%  488457 2496743383    0% /
devfs                  371         371         0    100%    643         0    100% /dev
/dev/disk1s2          499446368    202834680  267802248     44%  939835 2496292005    0% /System/Volumes/Data
/dev/disk1s5          499446368    6293560    267802248      3%    4 2497231836    0% /private/var/vm
map auto_home         0           0         0    100%     0         0    100% /System/Volumes/Data/home
/Users/machbookpro/Downloads/Visual Studio Code.app 499446368    200889624  268947224     43%  920707 2496311133    0% /private/var/folders/5b/ywmbd47s7wvfq2zsgfqckvqh0000gn/T/AppTranslocat
ion/1A9F7838-2099-4011-8088-DE6807184439

macbookpro@ec2-100-22-129-105 desktop % df -m
Filesystem            1M-blocks    Used Available Capacity iused   ifree %Used    Mounted on
/dev/disk1s1          243878    10725    130765      8%  488457 2496743383    0% /
devfs                  0         0         0    100%    643         0    100% /dev
/dev/disk1s2          243878    98646    130765     43%  939835 2496292005    0% /System/Volumes/Data
/dev/disk1s5          243878    3073    130765      3%    4 2497231836    0% /private/var/vm
map auto_home         0         0         0    100%     0         0    100% /System/Volumes/Data/home
/Users/machbookpro/Downloads/Visual Studio Code.app 243878    98098    131321     43%  920707 2496311133    0% /private/var/folders/5b/ywmbd47s7wvfq2zsgfqckvqh0000gn/T/AppTranslocat
ion/1A9F7838-2099-4011-8088-DE6807184439

macbookpro@ec2-100-22-129-105 desktop %
```

14. What is the command to move file KAT.txt from directory Pictures to directory Videos if the full path of Pictures directory is /home/user/Pictures?

```
macbookpro@ec2-100-22-129-105 desktop % mkdir picture user
macbookpro@ec2-100-22-129-105 desktop % cd picture
macbookpro@ec2-100-22-129-105 picture % echo " " >> doc.txt
macbookpro@ec2-100-22-129-105 picture % cd ..
macbookpro@ec2-100-22-129-105 desktop % cd user
macbookpro@ec2-100-22-129-105 user % echo " " >> hello.txt
macbookpro@ec2-100-22-129-105 user % cd picture
cd: no such file or directory: picture
macbookpro@ec2-100-22-129-105 user % ls
hello.txt
macbookpro@ec2-100-22-129-105 user % mv hello.txt ~/user
macbookpro@ec2-100-22-129-105 user % cd user
cd: no such file or directory: user
macbookpro@ec2-100-22-129-105 user % ls
macbookpro@ec2-100-22-129-105 user % ls -a
.
..
macbookpro@ec2-100-22-129-105 user %
```