

Directory Management :

1 :

```
Desktop >cd ~
~ >cd -
~/Desktop
Desktop >cd ..
~ >cd /usr/lib/php/build
build >ls
Makefile.global      config.sub           run-tests.php
acinclude.m4         libtool.m4          scan_makefile_in.awk
ax_check_compile_flag.m4 ltmain.sh           shtool
ax_gcc_func_attribute.m4 mkdep.awk
config.guess         phpize.m4
build >cd ..
php >cd build
build >cd
~ >
~ >
~ >
~ >cd Desktop
Desktop >cd +/=1_thirdYearNotes
1_thirdYearNotes >clear
```

1 : cd ~

This will output the homeDirectory of current user .

2 : cd ~userName

If multiple users are there , then this command is used to change one user to the other.

3 : cd ..

To go one directory back

4 : cd 1/2/3/4

You can go to a specific directory by specifying the valid address from the current directory

5 : cd -

This command takes you one directory back you were in , but not same as `cd ..`

```
1_thirdYearNotes >ls -R\home
1_CurrentTrimester, 7thTrimester, 8thTrimester

./1_CurrentTrimester:
Unix, dataScience, javaProgramming, linux, networking

./1_CurrentTrimester/Unix:
Chapter_1_Introduction_to_UNIX_and_Shell_Scripting.pdf, Chapter_2_File_Management.pdf,
syllabus.png

./1_CurrentTrimester/dataScience:
Introduction to big data.pptx, Presentation1.pptx, dataScienceSyllabus.png

./1_CurrentTrimester/javaProgramming:
javaSyllabus.png

./1_CurrentTrimester/linux:
Linux Operations and Administration ( PDFDrive ).pdf, linuxSyllabus.docx

./1_CurrentTrimester/networking:
Ch1-Introduction Computer Network.ppt,
Data Communications and Networking By Behrouz A.Forouzan.pdf, networkingSyllabus.png
```

5: `ls -R\home`

This command outputs all the files in tree like structure .

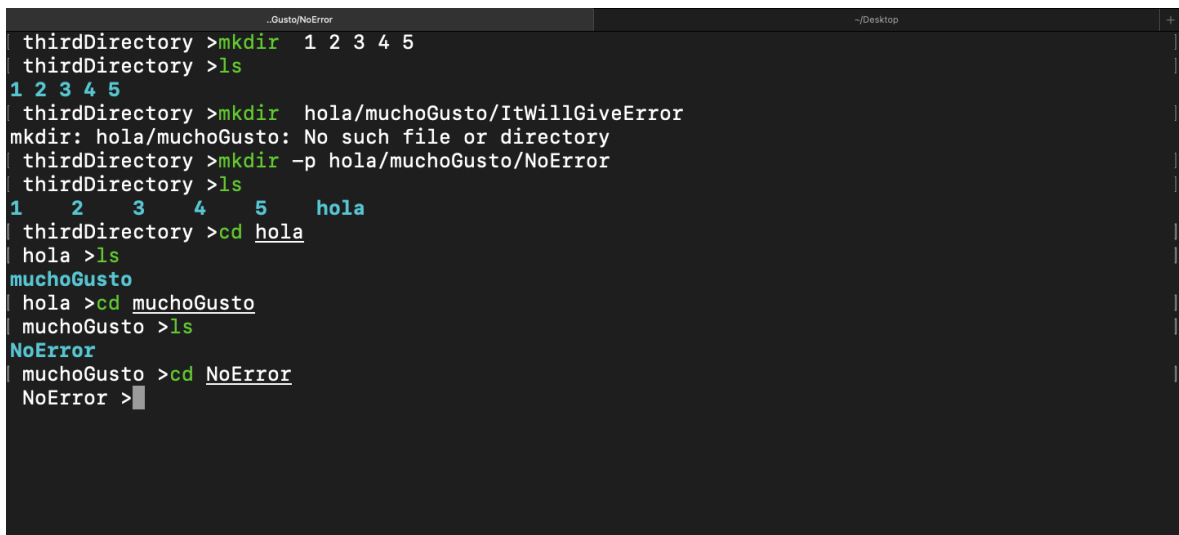
```
Desktop >mkdir firstDirectory
Desktop >cd firstDirectory; mkdir secondDirectory; cd secondDirectory; mkdir thirdDirectory
secondDirectory >cd ..
firstDirectory >cd ..
Desktop >cd firstDirectory
firstDirectory >ls
secondDirectory
firstDirectory >cd secondDirectory
secondDirectory >ls
thirdDirectory
secondDirectory >
```

6 : `mkdir firstDirectory`

Creates directory `firstDirectory`

7 : cd firstDirectory; mkdir secondDirectory; cd secondDirectory; mkdir thirdDirectory

This is a compound command (multiple. Commands together) to change directory to firstDirectory then make new directory secondDirectory again change to secondDirectory and make another directory thirdDirectory in secondDirectory.

A terminal window with a dark background and light-colored text. The window title is '..Gusto/NoError' on the left and '~ / Desktop' on the right. The terminal shows a series of commands and their outputs. First, 'thirdDirectory > mkdir 1 2 3 4 5' is executed, followed by 'thirdDirectory > ls', which lists '1 2 3 4 5'. Then, 'thirdDirectory > mkdir hola/muchoGusto/ItWillGiveError' is run, resulting in an error message: 'mkdir: hola/muchoGusto: No such file or directory'. Next, 'thirdDirectory > mkdir -p hola/muchoGusto/NoError' is executed, followed by 'thirdDirectory > ls', which lists '1 2 3 4 5 hola'. Then, 'thirdDirectory > cd hola' is run, followed by 'hola > ls', which lists 'muchoGusto'. Then, 'hola > cd muchoGusto' is run, followed by 'muchoGusto > ls', which lists 'NoError'. Finally, 'muchoGusto > cd NoError' is run, followed by 'NoError >'.

8 : mkdir 1 2 3 4 5

This command is same as mkdir , creates multiple 1 2 3 4 5 directory.

9 : mkdir -p hola/muchoGusto/noError

This command is used to create directories and subdirectories together ,

Like , to create noError directory there should be a muchoGusto directory and before that there should be hola , but rather creating one directory at a time and. Changing it , using -p it creates parent directory in this case “hola “ to noError directory all together .

```

thirdDirectory >ls
1 2 3 4 5
thirdDirectory >rmdir 1 2 3 4 5
thirdDirectory >ls
thirdDirectory >cd /Users/amlp33/Music/Music/Music\ Library.musiclibrary
Music Library.musiclibrary >ls
Application.musicdb      Library Preferences.musicdb sentinel
Extras.itdb              Library.musicdb
Genius.itdb              Preferences.plist
Music Library.musiclibrary >cd /Users/amlp33/Desktop/firstDirectory/secondDirectory/thirdDirectory
thirdDirectory >ls
thirdDirectory >cd ..
secondDirectory >ls
thirdDirectory
secondDirectory >mv thirdDirectory newThirdDirectory
secondDirectory >ls
newThirdDirectory
secondDirectory >

```

10 : rmdir. 1 2 3 4 5

This will remove all the directory 1 2 3 4 5 in. The current directory all together

11 : cd /Users/amlp33/Music/Music/Music\ Library.musiclibrary

Absolute. Path to reach Music directory from thirdDirectory

12 : mv thirdDirectory newThirdDirectory

Renaming the. oldDirectory with the name “newThirdDirectory”