What are Command Options? Options modify or enhance the behavior of a command

What are Command Arguments? command arguments are the items that a command works on

Which command is used for creating directories? Provide at least 3 examples.

mkdir

ex 1: create a directory in the current working directory mkdir MyMusic

ex 2: create a folder in another directory using absolute path mkdir ~/downloads/SNESroms

ex3: using an escape character to create a file name with a space in it mkdir /MyMusic/BootyShakin\ music

What does the touch command do? Provide at least 3 examples. The touch command creates files

ex 1: creating a file touch myFile

ex 2: creating multiple files touch coolFile.txt lameFile.js iamambivalenttowardsthisfile.md

ex 3: Creating a file using relative path and spaces int the name touch Downloads/SNESroms/"bahamut lagoon"

How do you remove a file? Provide an example. the command rm is used to remove files

rm iamambivalenttowardsthisfile.md

How do you remove a directory and can you remove non-empty directories in Linux? You can use rmdir or rm with the -r option (use with caution). Non-empty directories cannot be removed in Linux Provide an example

rmdir Downloads/SNESroms

Explain the mv and cp command. Provide at least 2 examples of each The mv command moves a file from one location to another and can rename it. The cp command makes a copy of the file leaving the original where it was

ex 1:moving a file to a new directory mv Downloads/DKC2.sfc Downloads/SNESroms

ex 2: Renaming a file mv MyGF.png SomebodyThatIUsedToKnow.png

ex 3: copying a file cp Downloads/legallyacquiredROMimage.sfc Downloads/SNESroms

ex4: copying a directory cp -r Downloads/SNESroms Downloads/Nothingtoseehere/justuschickens/nogamesinherebutifthereistheyrelegalbackups

Practice 1

Practice 2

Practice 3

```
jcpachtinger@cis106:/usr/share$ ~
bash: /home/jcpachtinger: Is a directory
jcpachtinger@cis106:/usr/share$ cd
jcpachtinger@cis106:~$ mkdir -p website/assets/
jcpachtinger@cis106:~$ curl https://cis106.com/assets/samplesite.txt -o ~website
/index.html
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
    0     0    0     0    0     0      0        0 --:--:-- --:--:-- --:--:--     0Wa
rning: Failed to open the file ~website/index.html: No such file or
Warning: directory
100   372  100   372    0     0   1547        0 --:--:-- --:--:-- --:--:--   1550
curl: (23) Failure writing output to destination
jcpachtinger@cis106:~$ mv Downloads/pic1.jpeg Downloads/pic2.jpg website/assets
mv: cannot stat 'Downloads/pic2.jpg': No such file or directory
jcpachtinger@cis106:~$ mv Downloads/pic2.jpeg website/assets
jcpachtinger@cis106:~$ cd /website/assets
bash: cd: /website/assets: No such file or directory
jcpachtinger@cis106:~$ cd website/assets
jcpachtinger@cis106:~/website/assets$ mv pic1.jpeg image.png
jcpachtinger@cis106:~/website/assets$ mv pic2.jpeg image2.png
jcpachtinger@cis106:~/website/assets$ _
```

Practice 4

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1/1 ∨  +  🗗  🖵                        Tilix: jcpachtinger@cis106: ~/Downloads                          🔍  ≡  —  ⬜  ×
1: jcpachtinger@cis106: ~/Downloads ∨                                                                        ⬜  ×
jcpachtinger@cis106:~$ mkdir website/docs
jcpachtinger@cis106:~$ cd downloads
bash: cd: downloads: No such file or directory
jcpachtinger@cis106:~$ cd downloads/
bash: cd: downloads/: No such file or directory
jcpachtinger@cis106:~$ cd Downloads/
jcpachtinger@cis106:~/Downloads$ cp sample1.doc sample1.xls sample1.pdf ~website
/docs
cp: target '~website/docs': No such file or directory
jcpachtinger@cis106:~/Downloads$ cp sample1.doc sample1.xls sample1.pdf ~/websit
e/docs
jcpachtinger@cis106:~/Downloads$ tree ~/website
/home/jcpachtinger/website
├── assets
│   ├── image2.png
│   └── image.png
└── docs
    ├── sample1.doc
    ├── sample1.pdf
    └── sample1.xls

3 directories, 5 files
jcpachtinger@cis106:~/Downloads$ _
```