

# Week Report 4

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## Question Responses:

- **What are Command Options?** Command Options modify or enhance the command's behavior
- **What are Command Arguments?** Command Arguments are items the commands act on which can be a file or directory
- **Which command is used for creating directories? Provide at least 3 examples.** The command used to make directories is mkdir.
  - Example 1:
    - Create a directory in current working directory: `mkdir newDir`
  - Example 2:
    - Create a new directory with spaces in it: `mkdir Pictures/'Anime Pictures'`
  - Example 3:
    - Create multiple directories: `mkdir newDir NewDir2`
- **What does the touch command do? Provide at least 3 examples.** The touch command creates files.
  - Example 1:
    - Create a file: `touch index.html`
  - Example 2:
    - Create multiple files: `touch index.html css/style.css`
  - Example 3:
    - Create a file with spaces: `touch assets/"Restaurant Background.jpg"`
- **How do you remove a file? Provide an example.** The command used to remove a file is rm
  - Example:
    - Remove a file: `rm leagueOfLegends.exe`
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** To remove a directory: mkdir or rm -d.
  - Example:
    - Remove an empty directory: `rm -d ~/Documents/images/` To remove a non-empty directory: `rm -r`
  - Example:

- Remove a non-empty directory: `rm -r ~/Documents/Games`
- **Explain the mv and cp command. Provide at least 2 examples of each** The mv command can move and rename directories
- Example 1:
  - Move a directory: `mv ~/Downloads/files ~/Documents/files`
- Example 2:
  - Rename a directory: `mv ~/Documents/files ~/Documents/confidential`

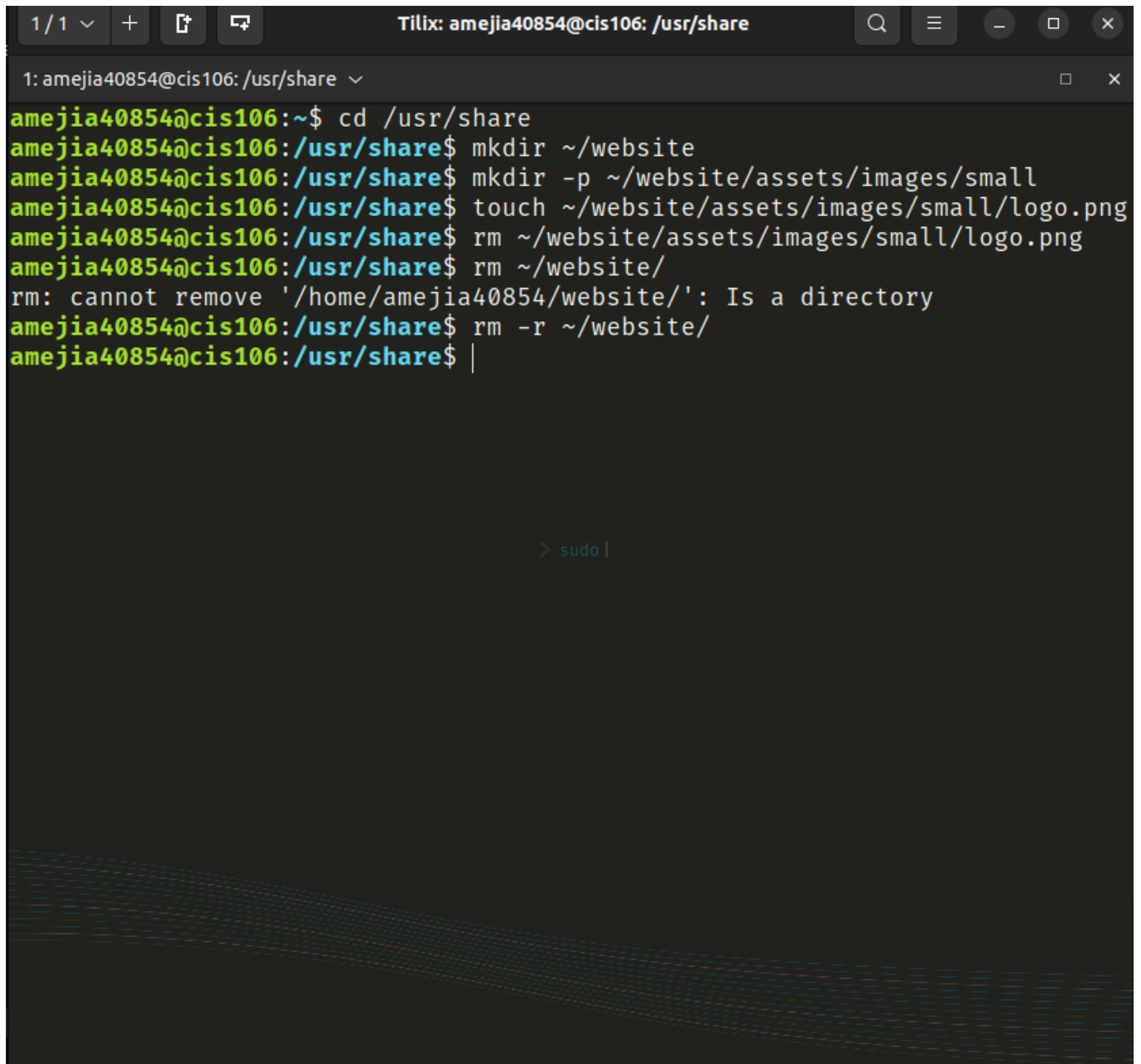
The cp command can copy files/directories from a source to a destination

- Example 1:
  - Copy a file: `cp Downloads/wallpapers.zip Pictures/`
- Example 2:
  - Copy multiple files: `cp Downloads/picture1.png Downloads/picture2.png Pictures/`

## Practice 1

```
Tilix: amejia40854@cis106: ~  
1: amejia40854@cis106: ~  
  
amejia40854@cis106:~$ mkdir website  
amejia40854@cis106:~$ mkdir -p website/script website/assets  
amejia40854@cis106:~$ touch website/index.html  
amejia40854@cis106:~$ touch website/assets/image.png website/script/script.  
js  
amejia40854@cis106:~$ tree website/  
website/  
├── assets  
│   └── image.png  
├── index.html  
└── script  
    └── script.js  
  
2 directories, 3 files  
amejia40854@cis106:~$ rm website/script/script.js website/assets/image.png  
amejia40854@cis106:~$ rm -d website/script/ website/assets/  
amejia40854@cis106:~$ rm -r website/  
amejia40854@cis106:~$ |
```

## Practice 2



```
1 / 1  +  [icon] [icon]  Tilix: amejia40854@cis106: /usr/share  [search] [menu] [minus] [maximize] [close]

1: amejia40854@cis106: /usr/share  [icon] [close]

amejia40854@cis106:~$ cd /usr/share
amejia40854@cis106:/usr/share$ mkdir ~/website
amejia40854@cis106:/usr/share$ mkdir -p ~/website/assets/images/small
amejia40854@cis106:/usr/share$ touch ~/website/assets/images/small/logo.png
amejia40854@cis106:/usr/share$ rm ~/website/assets/images/small/logo.png
amejia40854@cis106:/usr/share$ rm ~/website/
rm: cannot remove '/home/amejia40854/website/': Is a directory
amejia40854@cis106:/usr/share$ rm -r ~/website/
amejia40854@cis106:/usr/share$ |

> sudo |
```

## Practice 3

## Sample site



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```
Tilix: amejia40854@cis106: ~/website
1: amejia40854@cis106: ~/website
amejia40854@cis106:~$ cd website/
amejia40854@cis106:~/website$ cp ../Downloads/* .
amejia40854@cis106:~/website$ tree .
.
├── assets
│   ├── image2.png
│   └── image.png
├── docs
├── index.html
├── sample1.doc
├── sample1.pdf
└── sample1.xls

2 directories, 6 files
amejia40854@cis106:~/website$ mv sa* docs/
amejia40854@cis106:~/website$ tree
.
├── assets
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample1.doc
│   ├── sample1.pdf
│   └── sample1.xls
└── index.html

2 directories, 6 files
```