

# Week Report 3

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## Answer to questions:

- **What are Command Options?** Modifies the operation of a command.
- **What are Command Arguments?** Arguments that are indicated after the name of a program in the framework's order line.
- **Which command is used for creating directories? Provide at least 3 examples.**
  - `mkdir mice`
  - `mkdir mice/animals`
  - `mkdir ~/mice/zoo`
- **What does the touch command do? Provide at least 3 examples.** Touch is used for creating files.
  - `touch list`
  - `touch list_of_cars.txt script.py names.csv`
- **How do you remove a file? Provide an example.** `rm` removes files
  - `rm list`
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** you remove a directory by using: `"rm -r"` you remove non empty directory by using: `"rm -r Downloads/games"`
- **Explain the mv and cp command. Provide at least 2 examples of each.**

*mv command moves and renames directories:*

- `mv + source + destination`

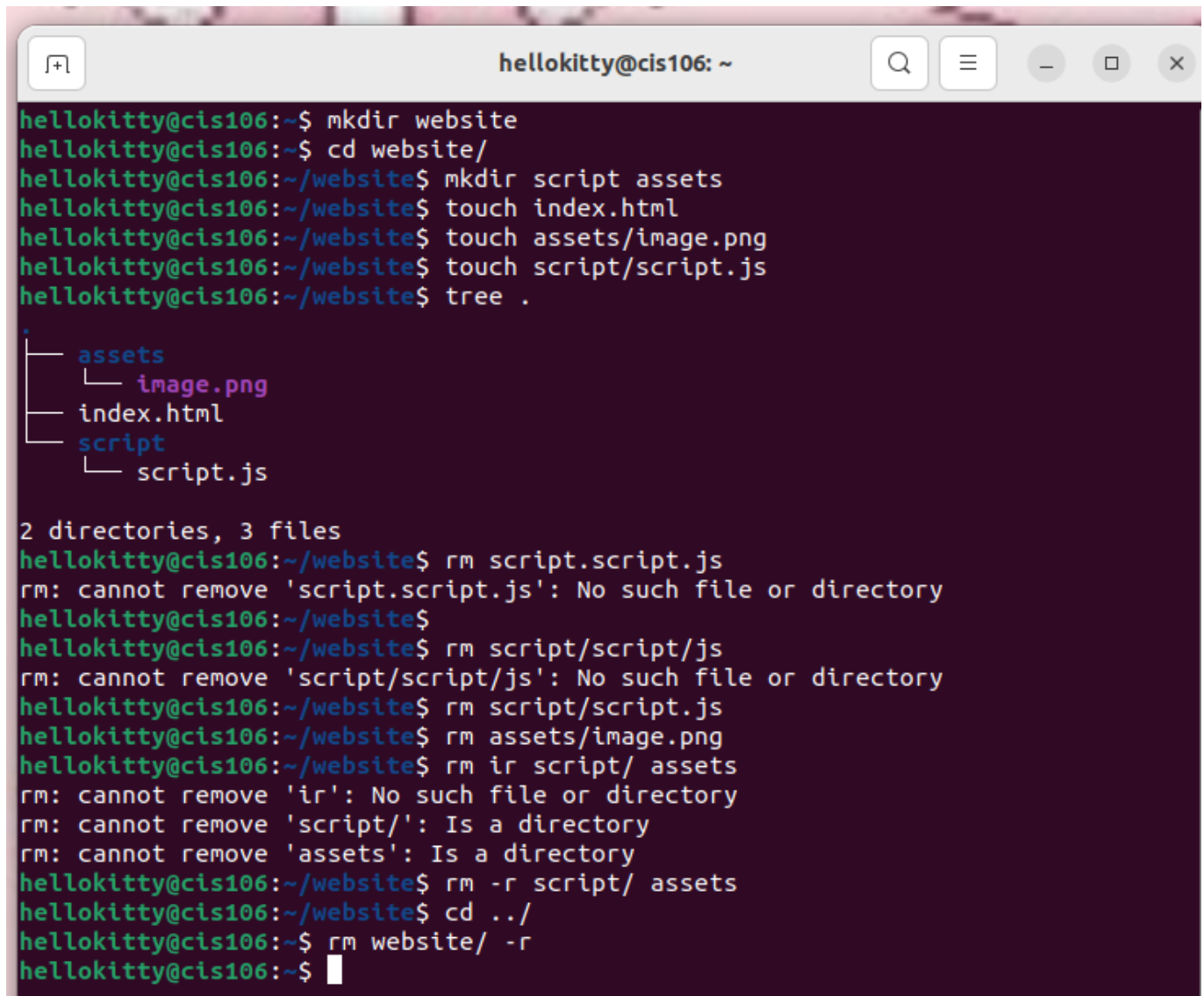
renaming files/directories:

- `mv + file/directory to rename + new name`

`cp` copies files/directories from a source to a destination

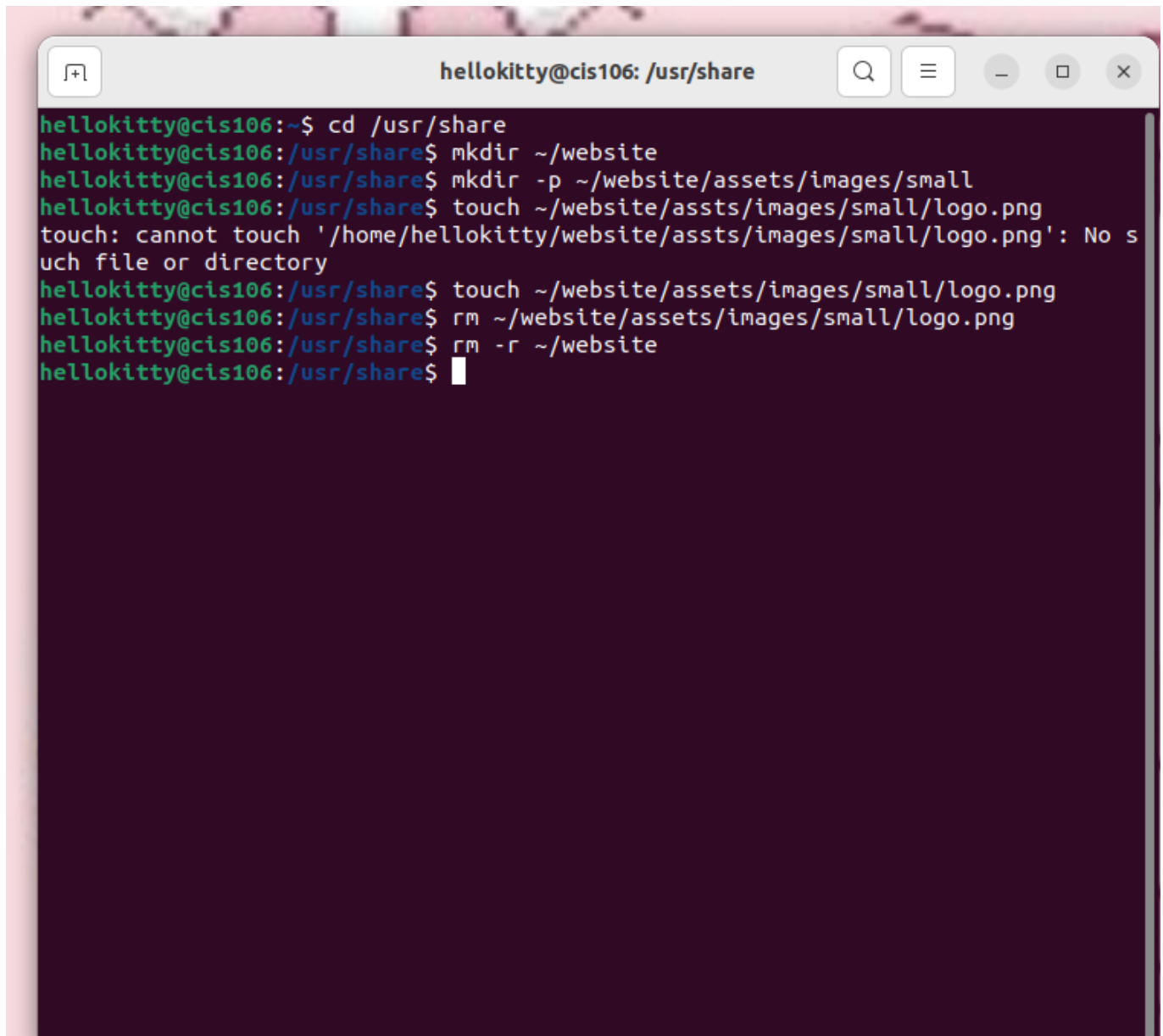
- `cp + files to copy + destination`
- `cp Downloads/wallpapers.zip Pictures/`

## Practice 1



```
hellokitty@cis106: ~  
hellokitty@cis106:~$ mkdir website  
hellokitty@cis106:~$ cd website/  
hellokitty@cis106:~/website$ mkdir script assets  
hellokitty@cis106:~/website$ touch index.html  
hellokitty@cis106:~/website$ touch assets/image.png  
hellokitty@cis106:~/website$ touch script/script.js  
hellokitty@cis106:~/website$ tree .  
.  
├── assets  
│   └── image.png  
├── index.html  
└── script  
    └── script.js  
  
2 directories, 3 files  
hellokitty@cis106:~/website$ rm script.script.js  
rm: cannot remove 'script.script.js': No such file or directory  
hellokitty@cis106:~/website$  
hellokitty@cis106:~/website$ rm script/script/js  
rm: cannot remove 'script/script/js': No such file or directory  
hellokitty@cis106:~/website$ rm script/script.js  
hellokitty@cis106:~/website$ rm assets/image.png  
hellokitty@cis106:~/website$ rm ir script/ assets  
rm: cannot remove 'ir': No such file or directory  
rm: cannot remove 'script/': Is a directory  
rm: cannot remove 'assets': Is a directory  
hellokitty@cis106:~/website$ rm -r script/ assets  
hellokitty@cis106:~/website$ cd ../  
hellokitty@cis106:~$ rm website/ -r  
hellokitty@cis106:~$
```

## Practice 2



```
hellokitty@cis106: /usr/share
hellokitty@cis106:~$ cd /usr/share
hellokitty@cis106:/usr/share$ mkdir ~/website
hellokitty@cis106:/usr/share$ mkdir -p ~/website/assets/images/small
hellokitty@cis106:/usr/share$ touch ~/website/assts/images/small/logo.png
touch: cannot touch '/home/hellokitty/website/assts/images/small/logo.png': No such file or directory
hellokitty@cis106:/usr/share$ touch ~/website/assets/images/small/logo.png
hellokitty@cis106:/usr/share$ rm ~/website/assets/images/small/logo.png
hellokitty@cis106:/usr/share$ rm -r ~/website
hellokitty@cis106:/usr/share$
```

## Practice 3

```

hellokitty@cis106: ~/website/assets
hellokitty@cis106:~$ mkdir -p website/assets
hellokitty@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
100  372  100  372    0     0   560      0 --:--:-- --:--:-- --:--:--  561
hellokitty@cis106:~$ mv /Downloads/pexels-
mv: missing destination file operand after '/Downloads/pexels-'
Try 'mv --help' for more information.
hellokitty@cis106:~$ cd Downloads/
hellokitty@cis106:~/Downloads$ ls
lab4files.zip  pexels-meike-18276320.jpg  pexels-serkan-bayraktar-8123680.jpg
hellokitty@cis106:~/Downloads$ mv ../ website/assets
mv: cannot move '../' to 'website/assets': No such file or directory
hellokitty@cis106:~/Downloads$ mv *.* ../website/assets
hellokitty@cis106:~/Downloads$ cd ../website/assets
hellokitty@cis106:~/website/assets$ ls
lab4files.zip  pexels-meike-18276320.jpg  pexels-serkan-bayraktar-8123680.jpg
hellokitty@cis106:~/website/assets$ mv lab4files.zip ../../downloads
hellokitty@cis106:~/website/assets$ ls
pexels-meike-18276320.jpg  pexels-serkan-bayraktar-8123680.jpg
hellokitty@cis106:~/website/assets$ mv website/assets/pexels-^C
hellokitty@cis106:~/website/assets$ mv website/assests/pexels-meike-18276320.jpg website/assets/image
.png
mv: cannot stat 'website/assests/pexels-meike-18276320.jpg': No such file or directory
hellokitty@cis106:~/website/assets$ mv pexels-serkan-bayraktar-8123680.jpg image2.png
hellokitty@cis106:~/website/assets$ xdg-open website/index.html
gio: file:///home/hellokitty/website/assets/website/index.html: Error when getting information for fi
le "/home/hellokitty/website/assets/website/index.html": No such file or directory
hellokitty@cis106:~/website/assets$

```

## Practice 4

```

hellokitty@cis106: ~/website/docs
hellokitty@cis106:~/Downloads$ ls
sample1.doc  sample1.pdf  sample1.xls
hellokitty@cis106:~/Downloads$ cp sample1.doc ~/website/docs
hellokitty@cis106:~/Downloads$ cp sample1.pdf ~/website/docs
hellokitty@cis106:~/Downloads$ cp sample1.xls ~/website/docs
hellokitty@cis106:~/Downloads$ pwd
/home/hellokitty/Downloads
hellokitty@cis106:~/Downloads$ cd
hellokitty@cis106:~$ cd docs
bash: cd: docs: No such file or directory
hellokitty@cis106:~$ cd website/docs
hellokitty@cis106:~/website/docs$ cd docs/
bash: cd: docs/: No such file or directory
hellokitty@cis106:~/website/docs$ ls
index.html  sample1.doc  sample1.pdf  sample1.xls
hellokitty@cis106:~/website/docs$ tree .
.
├── index.html
├── sample1.doc
├── sample1.pdf
└── sample1.xls

0 directories, 4 files
hellokitty@cis106:~/website/docs$

```