

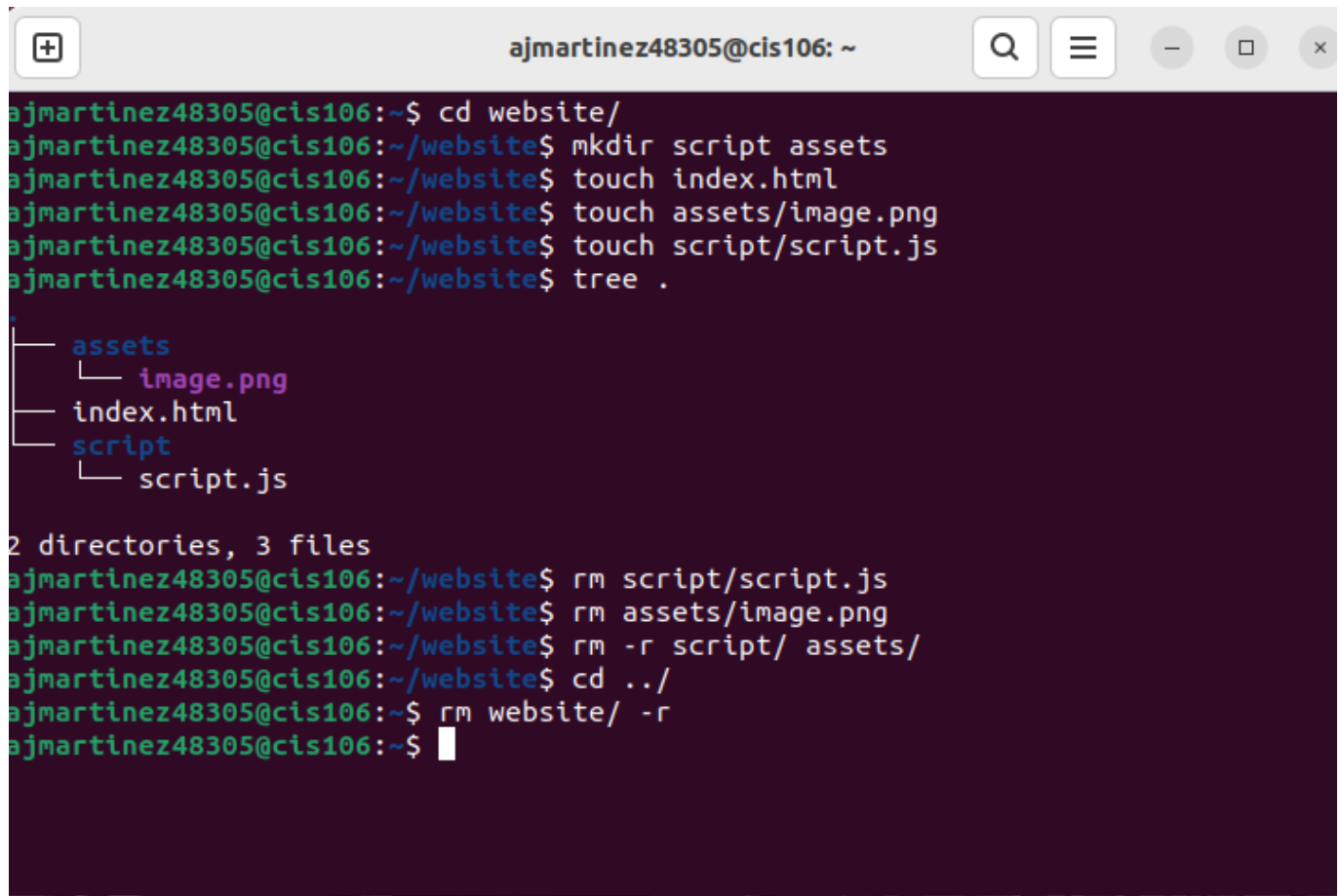
# Week Report 5

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## Answers to questions:

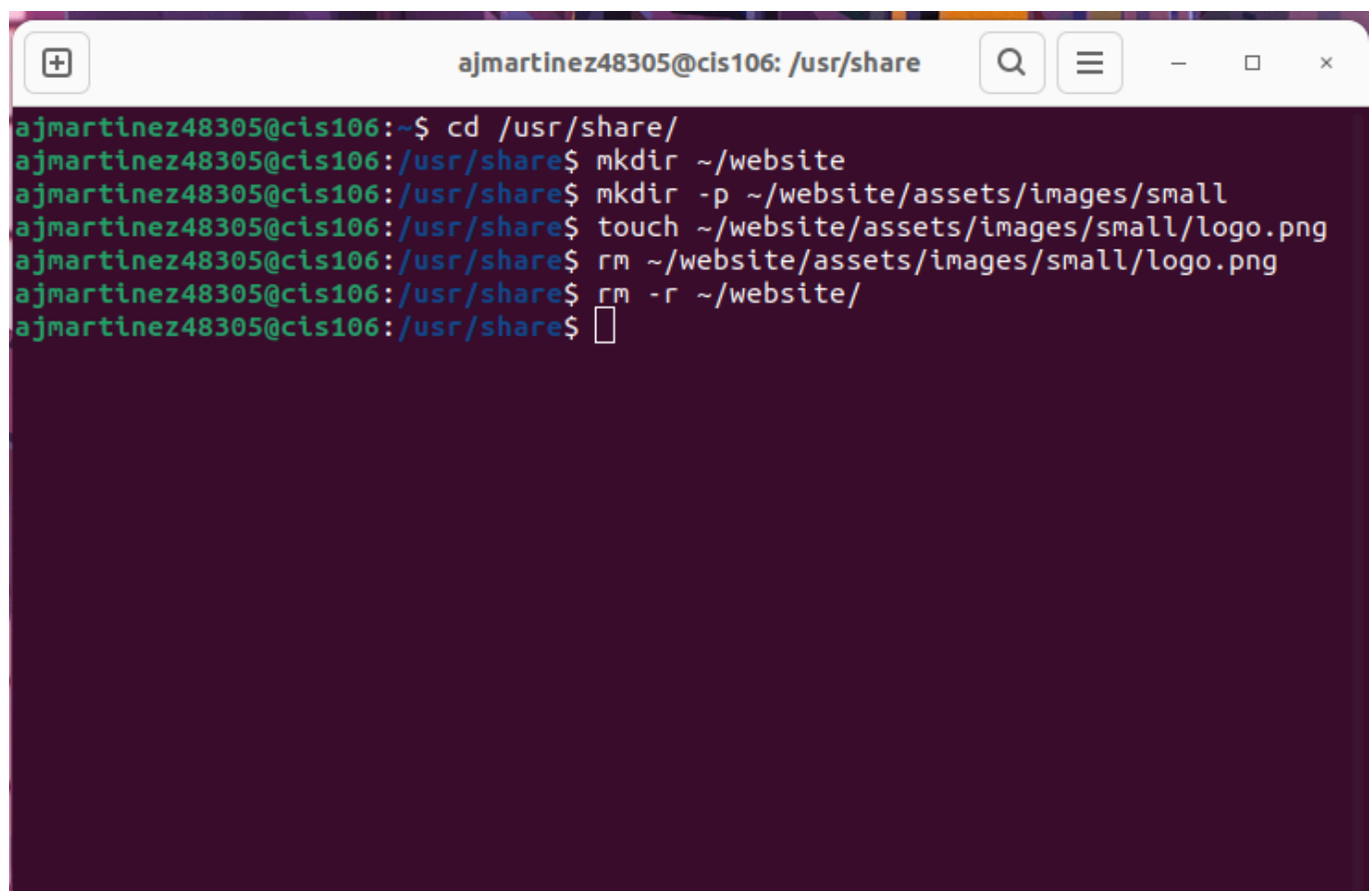
- **What are Command Options?** Command options modify/enhance the commands.
  - **What are Command Arguments?** Command arguments are the items open which the command acts on.
  - **Which command is used for creating directories? Provide at least 3 examples.** The command is mkdir.
    - example 1:
      - Create a directory: 'mkdir potatoes'
    - example 2:
      - Create multiple directories: 'mkdir movies ~/Downloads/games ~/Downloads/games'
      - Create a directory with a space in the name: 'mkdir wallpapers/new\ cars'
  - **What does the touch command do? Provide at least 3 examples.** The touch command is used for creating files.
    - example 1:
      - Create a file called list: 'touch list'
    - example 2:\ul>    - create several files: 'touch list\_of\_cars.txt script.py names.csv'
  - example 3
    - Create a file using absolute path: 'touch ~/Downloads/games.txt'
- **How do you remove a file? Provide an example.** Use the rm command.
- example: 'rm list'
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example.** To remove a directory use rm with the -r option. In Linux you cannot remove non empty directories.
  - example: 'rm -r Downloads/games'
- **Explain the mv and cp command. Provide at least 2 examples of each.** The mv command moves and renames directories. The cp command copies files/directories from a source to a destination.
  - Example 1:
    - To move a file from a directory to another using relative path: 'mv Downloads/homework.pdf Documents/'
  - Example 2:
    - To copy a file: 'cp Downloads/wallpaper.zip Pictures/'

## Practice 1



```
ajmartinez48305@cis106: ~  
ajmartinez48305@cis106:~$ cd website/  
ajmartinez48305@cis106:~/website$ mkdir script assets  
ajmartinez48305@cis106:~/website$ touch index.html  
ajmartinez48305@cis106:~/website$ touch assets/image.png  
ajmartinez48305@cis106:~/website$ touch script/script.js  
ajmartinez48305@cis106:~/website$ tree .  
.  
├── assets  
│   └── image.png  
├── index.html  
└── script  
    └── script.js  
  
2 directories, 3 files  
ajmartinez48305@cis106:~/website$ rm script/script.js  
ajmartinez48305@cis106:~/website$ rm assets/image.png  
ajmartinez48305@cis106:~/website$ rm -r script/ assets/  
ajmartinez48305@cis106:~/website$ cd ../  
ajmartinez48305@cis106:~$ rm website/ -r  
ajmartinez48305@cis106:~$
```

## Practice 2



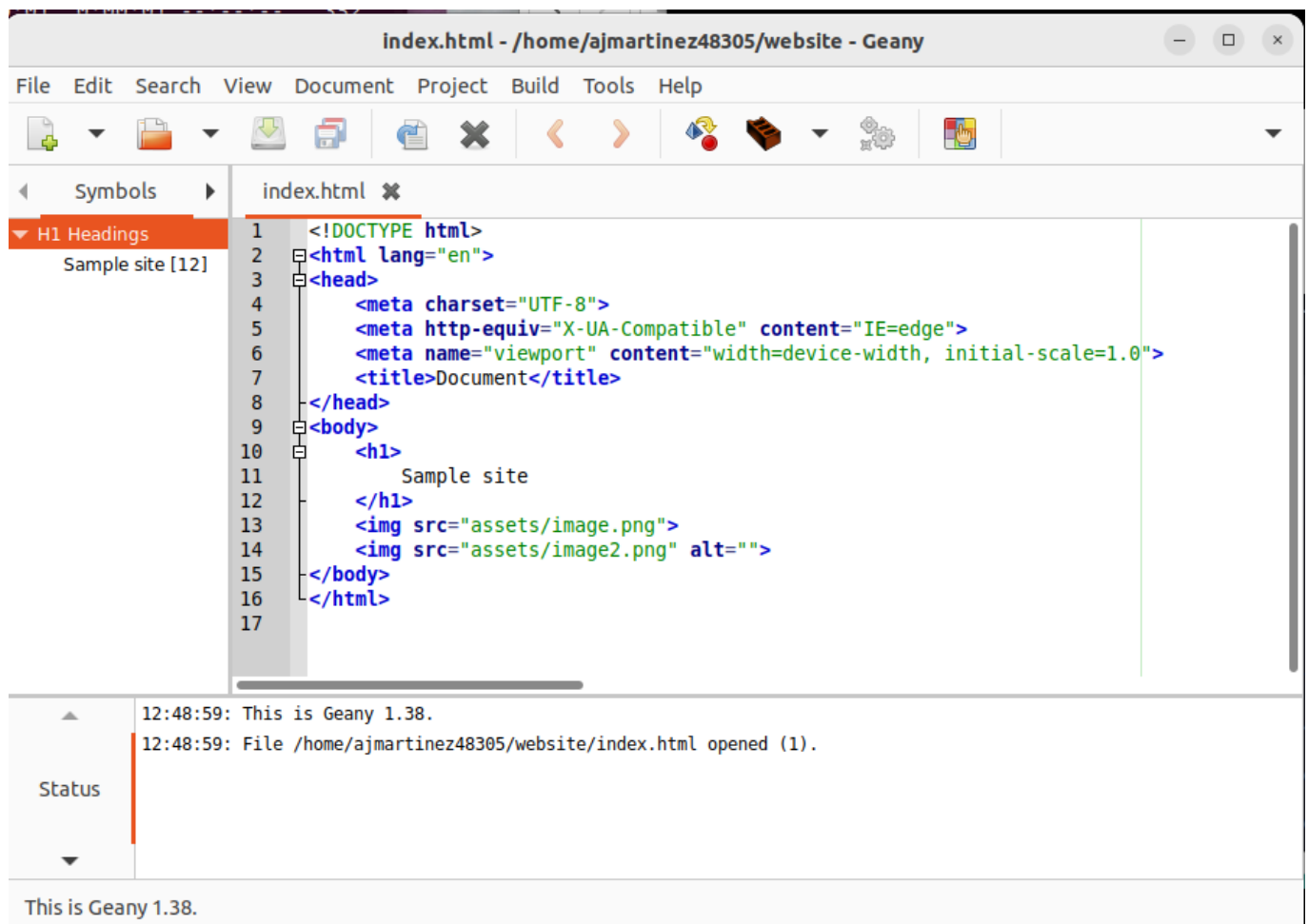
```
ajmartinez48305@cis106: /usr/share  
ajmartinez48305@cis106:~$ cd /usr/share/  
ajmartinez48305@cis106:/usr/share$ mkdir ~/website  
ajmartinez48305@cis106:/usr/share$ mkdir -p ~/website/assets/images/small  
ajmartinez48305@cis106:/usr/share$ touch ~/website/assets/images/small/logo.png  
ajmartinez48305@cis106:/usr/share$ rm ~/website/assets/images/small/logo.png  
ajmartinez48305@cis106:/usr/share$ rm -r ~/website/  
ajmartinez48305@cis106:/usr/share$
```

## Practice 3

```

ajmartinez48305@cis106:~$ mkdir -p website/assets
ajmartinez48305@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   352      0  0:00:01  0:00:01 --:--:--  352
ajmartinez48305@cis106:~$ mv Downloads/pexels-
mv: missing destination file operand after 'Downloads/pexels-'
Try 'mv --help' for more information.
ajmartinez48305@cis106:~$ mv Downloads/pexels-billow-5346060.jpg
mv: missing destination file operand after 'Downloads/pexels-billow-5346060.jpg'
Try 'mv --help' for more information.
ajmartinez48305@cis106:~$ mv Downloads/pexels-billow-5346060.jpg website/assets/
ajmartinez48305@cis106:~$ mv Downloads/pexels-joaquin-carfagna-15457508.jpg website/assets/
mv: cannot stat 'Downloads/pexels-joaquin-carfagna-15457508.jpg': No such file or directory
ajmartinez48305@cis106:~$ mv Downloads/pexels-joaquin-carfagna-15457508.jpg website/assets/
ajmartinez48305@cis106:~$ mv website/assets/pexels-billow-5346060.jpg website/assets/image.png
ajmartinez48305@cis106:~$ mv website/assets/pexels-joaquin-carfagna-15457508.jpg website/assets/image2.png
ajmartinez48305@cis106:~$ xdg-open website/index.html
ajmartinez48305@cis106:~$

```



## Practice 4

```
ajmartinez48305@cis106:~$ mkdir website/docs
ajmartinez48305@cis106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
ajmartinez48305@cis106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
ajmartinez48305@cis106:~$ cp Downloads/sample1.pdf website/docs/
ajmartinez48305@cis106:~$ cp Downloads/sample2.doc website/docs/
ajmartinez48305@cis106:~$ cp Downloads/sample3.xls website/docs/
```

```
ajmartinez48305@cis106:~$ tree website/
website/
```

```
├── assets
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample1.pdf
│   ├── sample2.doc
│   └── sample3.xls
└── index.html
```

```
2 directories, 6 files
```

```
ajmartinez48305@cis106:~$
```