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# Week Report 5

## Answer to Questions:

- What are Command Options? Command options modify or enhance their behavior.
- What are Command Arguments? Command arguments are the items 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 magician
  - Example 2:
    - Create multiple directories: mkdir movies ~/Downloads/videos
      - ~/Documents/resume
  - Example 3:
    - Create a directory with a parent directory at the same time: mkdir -p images/birthdaytrip
- What does the touch command do? Provide at least 3 examples. The touch command creates files.
  - Example 1:
    - Create a single file: touch image1.png
  - Example 2:
    - Create a file using absolute path: touch ~/Pictures/image2.png
  - Example 3:
    - Create a file with a space in its name: touch "birthday cake.jpeg"
- How do you remove a file? Provide an example. The rm command removes files.
  - rm docs/sample2.doc
- 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 command
  - To remove empty directories, use rmdir
  - To remove non-empty directories, use rm -r (directory name)
- Explain the mv and cp command. Provide at least 2 examples of each. The mv command moves and renames directories
  - Example 1:
    - To move from one directory to another: mv Downloads/homework.pdf Documents/
  - Example 2:
    - To move and rename a file: mv Downloads/homework.docx
       Documents/new\_homework.docx The cp command copies files and directories from a source to a destination
  - Example 1:
    - To copy a file: cp Downloads/wallpaper/background.png Pictures/
  - Example 2:
    - To copy the content of a directory to another: cp Downloads/wallpaper/\*
      - ~/Pictures/

#### Practice 1

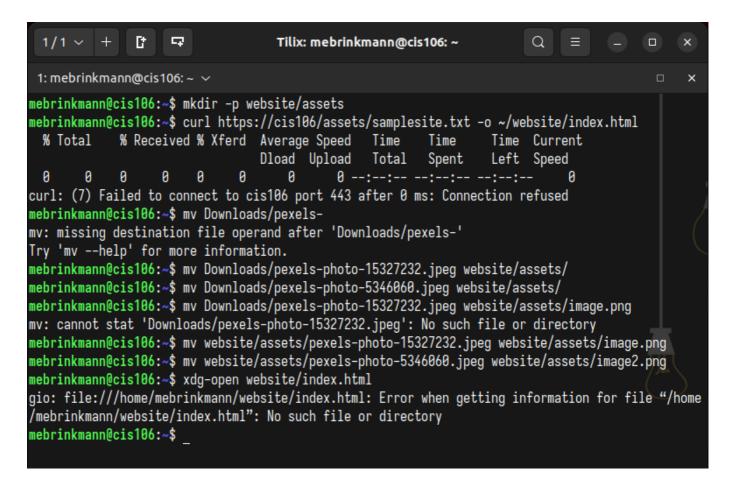
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1: mebrinkmann@cis106: ~ 🗸
mebrinkmann@cis106:~$ mkdir website
mebrinkmann@cis106:~$ cd website/
mebrinkmann@cis106:~/website$ mkdir script assets
mebrinkmann@cis106:~/website$ touch index.html
mebrinkmann@cis106:~/website$ touch assets/image.png
mebrinkmann@cis106:~/website$ touch script/script.js
mebrinkmann@cis106:~/website$ tree .
  - assets
   image.png
  - index.html
  script
   __ script.js
directories, 3 files
nebrinkmann@cis106:~/website$ rm script/script.js
mebrinkmann@cis106:~/website$ rm assets/image.png
nebrinkmann@cis106:~/website$ rm -r script/ assets/
mebrinkmann@cis106:~/website$ cd ../
mebrinkmann@cis106:∼$ rm website/ -r
mebrinkmann@cis106:~$
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### Practice 2

Practice 3

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#### Practice 4

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

    sample3.pdf

      sample3.xls
1 directory, 3 files
mebrinkmann@cis106:~$
```