

Command Line Homework

Exercise

Requirements

- Commands you will need to use for this exercise:
 - Navigate from folder to folder using `cd`.
 - List files using `ls`.
 - Create new directories using `mkdir`.
 - Create new files using `touch`.
 - Move files using `mv`.
 - Copy files using `cp`.
 - Remove directories using `rmdir`.
 - Remove files/directories that contain items using `rm -rf`.
 - Use `nano` to update text files.
 - ~~◦ Initialize new repo using `git init`~~
 - ~~◦ Add and commit files using `git add` and `git commit`~~
 - ~~◦ Push folders/files to CitiHub using `git push`~~

Instructions

- From your root directory, create a folder called `my-favorite-things`; you'll use that folder to complete the exercises below.
- Organize your favorite books.
 - In the `my-favorite-things` folder, create a folder named `books`, and navigate to that folder.
 - In the `books` folder, create a folder named after your favorite author (e.g., `mark-twain` or `haruki-murakami`). Use dashes between words instead of spaces!).
 - In the author's folder, create files named after some of his or her books (e.g., `the-wind-up-bird-chronicle.txt`).
 - Navigate back to the `my-favorite-things` folder and list the contents in terminal (using `ls`).
 - Edit each file to include a brief description of the book. Do not use VS Code or another text editor.

- Organize your favorite movies.
 - In the `my-favorite-things` folder, create a folder named `movies`, and navigate to that folder.
 - In the `movies` folder, create a folder named after your favorite actor.
 - Create a text file in the `actor` folder named after his or her breakthrough movie (e.g., `a-woman-is-a-woman.txt`).
 - Edit that text file with a description of the movie.
 - Navigate back to the `movies` directory. Create a text file named after the actor's character.
 - Move the text file to the breakthrough movie folder.
- Organize your favorite music.
 - In the `my-favorite-things` folder, create a folder named `music`.
 - Navigate to the `music` folder.
 - Create a folder named `disco`.
 - Create a text file in `disco` named `ymca`.
 - Delete the `disco` folder.
 - Create folders named `beatles`, `beach-boys`, and `jackson-5` (Pro tip: Look up how to create three folders at once).
 - Create a text file in `beatles` named `yesterday.txt`.
 - Make two copies of `yesterday.txt`. Move one into `beach-boys` and one into `jackson-5`, and rename those files as songs by those artists.
- Reorganize *everything*.
 - In the `my-favorite-things` folder, create a folder named `media`.
 - Move `books`, `movies`, and `music` into the `media` folder.
- ~~• Initialize Git hub repo and add all of the folders and files to Git hub~~
 - ~~○ Initialize a git repository~~
 - ~~○ Add and commit folders/files~~
 - ~~○ Push folders/files to Git hub repo~~

~~Bonus~~

- ~~• Look through the additional resources and:~~
 - ~~○ Look at the top/bottom 10 lines of each file.~~
 - ~~○ Figure out how to search through a file for a string of text from the command line — without opening the file.~~
 - ~~○ See if you can figure out how to open a file and add text content in the command line instead of using VS Code.~~

Starter Code

No starter code required! Just open up your terminal application to get started.

Deliverable

Be sure you open up your `my-favorite-things` directory in VS Code so you can track your progress. Send a link of your GitHub repository to the instructor when completed.