

Lab 2b: Command-Line File I/O in PHP

In lab 2b you will be creating a command-line file manager in PHP. The file manager should allow users to perform various operations on files within a specified directory (as noted below, the directory will be passed in as a command-line argument when the file is run).

The program should provide a menu with the following options:

- List files: Display a list of files in the specified directory.
- View file: Prompt the user to enter a file name and display the contents of the file.
- Create file: Prompt the user to enter a file name and create an empty file with the specified name in the directory.
- Rename file: Prompt the user to enter the current file name and the new file name. Rename the file if it exists in the directory.
- Quit: Exit the program.

Requirements:

1. The program should take the directory path as a command-line argument.
2. Error handling must be performed, such as when the directory is not found or the file does not exist.
3. Appropriate PHP functions must be used to perform file operations, such as `scandir()`, `file_exists()`, `file_get_contents()`, `file_put_contents()`, and `rename()`.
4. A loop must be used to continuously display the menu and prompt the user for commands until the user chooses to quit.

Save your script as "lastname-firstname-lab2b.php" (e.g. chris harris would submit chris-harris-lab2b.php) and upload it to the Lab 2 dropbox on the Learning Hub.

Due before the beginning of next week's class