Solutions to LAB 1

Here are the solutions to the tasks using the Command Prompt (CMD):

Opening Command Prompt: To open the Command Prompt on Windows, you can press the Windows key, type "Command Prompt," and press Enter.

Navigating Folders:

- To change to a specific directory, use the `cd` command followed by the directory path. For example: `cd C:\Users`.
- To go up one level in the directory hierarchy, use `cd ...`

Listing Files and Folders: Use the `dir` command to list the contents of the current directory. For example: `dir`.

Creating a Directory: To create a new folder, use the `mkdir` command followed by the desired folder name. For example: `mkdir NewFolder`.

Creating a Text File: To create a text file, you can use the `echo` command with the > operator. For example: `echo Hello, World! > myfile.txt`.

Copying Files: To copy files from one location to another, use the `copy` command. For example: `copy sourcefile.txt destinationfolder`.

Renaming Files/Folders: To rename files or folders, use the `ren` command. For example: `ren oldname.txt newname.txt`.

Deleting Files/Folders: To delete files, use the `del` command. To delete folders, use the `rmdir` command. For example: `del file.txt` or `rmdir foldername`.

Using Help: You can access the built-in help system by appending `/?` to a command. For example: `dir /?` will provide information about the `dir` command.

Clearing the Screen: To clear the Command Prompt screen, use the `cls` command.

Searching for Files: To search for files with specific criteria, use the `dir` command with wildcards. For example: `dir *.txt` will list all .txt files in the current directory.

Moving Files and Folders: To move files and folders between directories, use the `move` command. For example: `move myfile.txt newfolder`.

Redirecting Output: You can redirect the output of a command to a text file using > or >>. For example: `dir > directory.txt` will create a text file with the directory listing, and `dir >> directory.txt` will append the output to an existing text file.