|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task Description | Git Bash command | PowerShell command | CMD command | notes |
| Display current directory | pwd | Get-Location | cd | Outputs the path of the current working directory. |
| Create new folder/directory | mkdir | New-Item -Type Directory -Path directory | mkdir directory | Creates a new folder/directory.  (mkdir Folder/directory Name) |
| Delete folder/directory | rm -r | Remove-Item directory -Recurse | rmdir /S /Q directory | Deletes a folder/directory. (rm -r Folder/directory Name) |
| List directory contents | ls | Get-Children | dir | Lists files and directories in the current directory. |
| Show directories hidden contents | ls -A |  |  | Shows hidden content in the directory that the command ls does not show. |
| Change Directory | cd or cd /directory or cd directory/ |  |  | Navigate in and out of directories (Experience on my pc in bash, cd takes me straight back to /c/Users/ashby  Even when I am in /d) |
| Initialize git in the directory. | git init |  |  | Creates a .git directory so git can do its thing in the directory. |
| Argument with spaces. | “arguments with whitespaces”  ‘arguments with whitespaces’ |  |  | Using “” or ‘’ with the argument inside allows for spaces and doesn’t confuse the space as a delimiter. Must use double “ if the argument has a single quote in it. |
| Argument with spaces. | “arguments with whitespaces”  ‘arguments with whitespaces’ |  |  | The opposite is also true. |
|  |  | BE GIT |  |  |
|  |  | File state |  |  |
| **You create a new repository** | **file in the** | **repository** | **called** Hello.txt. |  |
| Untracked | Tracked | Staged | Unmodified | Modified |
| X |  |  |  |  |
| **You add** Hello.txt **to the index (using** git add**).** |  |  |  |  |
| Untracked | Tracked | Staged | Unmodified | Modified |
|  | X | X |  |  |
| **You commit all the changes that you staged (using** git commit**).** |  |  |  |  |
| Untracked | Tracked | Staged | Unmodified | Modified |
|  | X |  | X |  |
| **You edit** Hello.txt **with some new content.** |  |  |  |  |
| Untracked | Tracked | Staged | Unmodified | Modified |
|  | X |  |  | X |
|  |  |  |  |  |
|  |  |  |  |  |
| git branch new-branch |  |  |  |  |
| Git switch new-branch |  |  |  |  |