| **Command** | **Description** |
| --- | --- |
| **Command** | **Description** |
| git config | Sets general Git parameters |
| git init | Creates a Git repo within the current directory |
| git clone *pathname* | Clones a local Git repo (specified by absolute or relative pathname) to the current directory |
| git clone *username*@*hostname*:*pathname* | Clones a remote Git repo to the current directory |
| git clone https://*website*/*username*/*repo*.git | Clones a remote Git repo hosted on a website (e.g., [GitHub.com](http://github.com/" \t "_blank)) to the current directory |
| git add *filenames* | Adds files to a Git index |
| git rm *filenames* | Removes files from a Git index |
| git commit -m *description* | Creates a commit with the specified description from the files listed in the Git index |
| git tag *label* | Adds a label to the most recent commit |
| git tag -a *label* -m *description* | Adds a label and description to the most recent commit |
| git show *commit* | Displays the changes within a commit (specified by either commit number or label) |
| git status | Views repo status |
| git log | Views commit history for the current branch |
| git checkout -b *branch* | Creates a new branch and switches to it |
| git checkout *branch* | Switches to a different branch |
| git branch | Views branches in the repo |
| git branch -d *branch* | Deletes a branch |
| git push origin *branch* | Pushes a branch to the original repo location |
| git pull origin *branch* | Pulls a branch from the original repo location |
| git reset --hard *commit* | Reverts files within a repo to a previous commit (specified by either commit number or label) |
| git rebase *branch* main | Relocates the commit history of a branch to the end of the main branch |

**Table 7-8**

Common Git Commands