

Sample sequence of git command-line operations:

- **git status** #shows current branch and tracked/untracked items
- **git branch** #shows all available branches
- **git branch new-branch** #makes a new branch called "new-branch"
- **git checkout new-branch** #makes new-branch the active branch
- **git add some-file-name** #adds a file to the branch
- **git commit -m "Commit recent changes for reasons"** #commits any changes. -m creates the message in quotes.
- **git checkout main** #returns to main as the active branch
- **git merge new-branch** #updates main with changes committed to new-branch

Sample setup of a new local repository:

- make a new empty directory
- navigate to the new directory on your CLI
- **git init** #initializes a new git project in the directory
- **git clone <URL>** #downloads a copy of a project from GitHub, where <URL> is for your GitHub project
- **git remote add origin <URL>.git** #sets your online repository for push/pull operations from your local repository
- **git pull** #updates your local repository from GitHub
- **git push** #updates GitHub from your local repository