Git-kommandon

SETUP
(Only do this once)
git config --global user.name "[firstname lastname]"
git config --global user.email "[valid-email]"
Set name and email address that will be associated with each commit.

CREATE REPOSITORIES
git clone [url]
Retrieve an entire repository from a hosted location via URL

MAKE CHANGES
git status
Lists all new or modified files to be committed.
git add [file]
Add file to staging area (prepare them for commit).
git add -A
Add all files to staging area (prepare them for commit).
git reset [file]
Unstages the file, but preserve its contents
git commit -m "[descriptive message]"
Records file snapshots permanently in version history

SYNCHRONIZE CHANGES
git pull
Downloads history and incorporates changes
git push [alias] [branch]
Uploads all local branch commits to GitLab

GROUP CHANGES
git branch
Lists all local branches in the current repository
git branch [branch-name]
Creates a new branch
git checkout [branch-name]
Switches to the specified branch and updates the working directory
git merge [branch]
Combines branch into current local branch
git branch -d [branch-name]
Deletes the specified branch

REFACTOR FILENAMES
git rm [file]
Deletes the file from the working directory and stages the deletion

SAVE FRAGMENTS
git stash
Temporarily stores all modified tracked files
git stash pop
Restores the most recently stashed files

REVIEW HISTORY
git log
Lists version history for the current branch
git log --follow [file]
Lists version history for a file, including renames **git diff [first-branch]...[second-branch]**
Shows content differences between two branches
git show [commit]
Outputs metadata and content changes of the specified commit

REDO COMMITS
git reset [commit]
Undoes all commits after [commit], preserving changes locally
git reset --hard [commit]
Discards all history and changes back to the specified commit