**GIT:**

**Commands:**

**Stagging and Committing**:

* mkdir git-practice && cd git-practice
* git init
* git config –global [user.name](http://user.name) “username”
* git config –global user.email “email-id”
* git config –list
* git status
* git add index.html
* git commit -m “Initial commit: adding index.html”
* git clone <url>
* git

**Branching and Merging**

* git branch feature-login
* git branch
* git checkout -b feature-login
* git checkout feature-login
* echo “<form><input-type=’text’ placeholder=’username’’>  
   <button>Login</button>  
   </form>” >> index.html
* git checkout master / git switch master
* git merge feature-login
* git branch -d feature-login
* git stash push -m “working on sidebar”
* git stash list
* git status
* Git stash pop
* git add filename
* git commit -m “stash content staged and committed"
* git remote add origin <repo-url>
* git push -u origin main (or can be master depending on the branch you are in)

**Collaboration:**

* git fetch origin main
* git pull origin main / git pull -f origin main / git pull –force-with-lease origin main
* git rebase <branch-name>
* git revert <commit\_id>
* git reset
  + git reset –soft HEAD~1
  + git reset –mixed HEAD~1
  + git reset –hard HEAD~1