

GitHub Guide

Best to commit any changes so that it is up to date

Project set up

1. Clone Project first:
 - a. `git clone` (the url of the github for project)
2. Checkout main branch (checkout == switch to)
 - a. `git checkout main`
3. Create and checkout branch
 - a. `git checkout -b` (the feature name)
4. Push your branch to GitHub
 - a. `git push -u origin` (the feature name)

Workflow

1. Checkout to your branch
 - a. `git checkout` (the feature name)
2. Add your changes to feature branch
 - a. `git add` (file name)
3. Commit your changes (Act as zip file)
 - a. `git commit -m "commit message"` or `git commit`
4. Push your changes to GitHub
 - a. `git push`

Get updates from main branch to own branch

1. Checkout to main branch
 - a. `git checkout main`

2. Pull update from remote main branch to local main branch
 - a. `git pull`
3. Change back to feature branch
 - a. `git checkout (the feature name)`
4. Merge main branch code to feature branch
 - a. `git merge main`
5. Push the merge to the feature branch
 - a. `git push origin feature branch`

Once feature is completed, merge back to main

1. Checkout to main
 - a. `git checkout main`
2. Merge feature to main
 - a. `git merge (the feature name)`
3. Delete local feature branch
 - a. `git branch -d (the feature name)`
4. Delete remote feature branch
 - a. `git push origin --delete (the feature name)`