* Clone the Remote Repository:
  + Begin by cloning the remote repository (origin) to your local machine:
  + git clone <repository-url>
  + cd <repository-name>
* Create a New Feature Branch:
  + Create a new branch (feature-branch) from main to work on a specific feature or improvement:
  + git checkout -b feature-branch main
* Make Iterative Commits:
  + Make iterative changes to the project while working on the feature.
  + Use git add to stage changes and git commit to commit them:
  + git add <file(s)>
  + git commit -m "Descriptive commit message"
  + Push the Feature Branch to origin:
* Push the feature branch to the remote repository (origin):
  + git push origin feature-branch
* Collaborate Using Pull Requests:
  + On the github side navigate to the repository and create a pull request (PR) for the feature-branch:
  + Provide a descriptive title and detailed description of the changes.
  + Assign reviewers and/or request feedback from team members.
  + Discuss and address any feedback or suggestions provided through the PR review process.
  + Handle Conflicts and Synchronization:
* If conflicts arise during the PR review or when merging feature-branch into main:
  + Fetch the latest changes from origin/main:
  + git fetch origin
* Switch to main branch and pull changes:
  + git checkout main
  + git pull origin main
* Switch back to feature-branch and rebase onto main to integrate changes:
  + git checkout feature-branch
  + git rebase main
* Resolve any conflicts that occur, stage the resolved files with git add, and continue the rebase process with git rebase --continue.
  + Merge feature-branch into main:
* Once the PR is approved and conflicts are resolved, merge feature-branch into main:
  + Squash or keep commit history based on project guidelines:
  + git checkout main
  + git merge --no-ff feature-branch
* Push the merged changes to origin:
  + git push origin main