



FOUNDATION

Assignments

Git & Github Task —

TEAM BRUDITE

Git Exercise 1: Basic

- Create a GitHub Account
- Setup Git in the Local
- Create a new Repository in GitHub Account
- Clone the new repository locally through the terminal
- Add a new Code file into the repository through CLI

Git Exercise 2 - Branching

- Create a new feature branch with your JIRA ticket name → feature/JIRA_NUM_Topic_name locally from the main.
- Switch to the branch locally.
- Add a few changes to this branch and push the new branch on the remote (It should be visible on the GitHub console.)
- Create a Pull Request to Main from your branch.

Git Exercise 3 - Resolving merge conflicts

- Create a Feature Branch from the Master branch.
- Add changes to both the branches "different changes in same file app.py".
- Push the changes into the Master branch on the remote GitHub console.
- Checkout to the Feature Branch locally.
- Add Changes to the Feature branch as well and try to Push. There will be merge conflicts, identify and resolve them, and merge into the master branch through a pull request.

Git Exercise 4 - REBASE

- Switch to Feature Branch
- Start the Rebase Process - Initiate the rebase of your feature branch onto the master branch. This will attempt to reapply your feature-branch commits on top of the latest commit in the master.
- Resolve Any Conflicts (if they arise)
- Continue the Rebase After Resolving Conflicts:
- Complete the Rebase Process Push the changes.