



# Git Merging Exercise

This exercise is a little bit different. Rather than following my exact instructions step by step, I'd like for you to come up with your own scenarios that meet my requirements.

Start by creating a new repo. Make a file or two in the repo for you to work on.

If you need some inspiration...I'll be working in a file called `greetings.txt` It will contain greetings in different languages.

## Part 1: Fast Forward Merge

Your goal is to generate a fast forward merge. Demonstrate that you understand how FF merges work by creating one on your own!

Make a new branch. Do some work in the repo such that when you merge the new branch into master, it results in a fast forward merge. Merge that branch into master and see if you were right!

## Part 2: Merge Commit (No Conflicts)

Your goal is to generate a merge commit with NO MERGE CONFLICTS.

Create a new branch. Make some changes to the repo such that when you merge the new branch into master, it results in a merge commit. The merge should not result in any conflicts. Merge that branch into master and see if you were right!

## **Part 3: Conflicts!**

Your goal is to generate merge a conflict!

Create a new branch. Make some changes to the repo such that when you merge the new branch into the master branch, it results in a merge conflict. Merge that branch into master and see if you were right! Resolve the conflict!