

# Git Commands Working in a group

1. Set up your local machine: (using terminal or git bash shell)

1. Make a folder for the project.

2. cd to the folder.

3. Initialize the folder as a git repo

```
git init
```

4. Add the remote

```
git remote add origin  
git@github.com:Robert-  
Erickson/improvemygun.git
```

2. Group work flow. **Every Group member** needs to follow these steps **every time** without fail before working on any file. All commands are for your local computer.

1. Make sure you have the groups master copy:

```
git pull origin master
```

2. Check out a branch to work on so you don't mess up the master. Name the branch with your initials (all caps) followed by an underscore and a short name of the task you are working on. For example I am going to work on the navigation

```
git checkout -b RE_nav
```

3. Make changes to your code as you would normally.

4. Verify your changes are working.

5. Add your changes to git (you can do git status first to make sure the files changed are the ones you expected to have changed).

```
git add -A
```

6. Commit your changes locally on your machine:

```
git commit -m "Added new menu item"
```

7. Push your branch to GitHub

```
git push origin RE_nav
```

8. On the GitHub web site look at your branch and submit a merge request. A member of the team should review the code to make sure it meets the teams standards (ie code review). Make sure that the new code will not cause existing code to break.

9. After the merge is accepted you can delete the branch as it's not needed anymore.
10. The person who created the branch should now delete the branch locally on their machine.  
Before deleting you need to switch back to the master.

```
git checkout master
```

```
git branch -D RE_nav
```