Melissa viewed the **log** of recent changes to her git repo.

```
git log
```

Barbara **pulled**
updates from Github
into her master repo.

```
git pull origin master
```

Lyzi **cloned** a copy of a Barbara’s repo “fancy-blog”.

```
git clone \
git@github.com:barbara/fancy-blog
```

Christine created a **branch** called “testing”.

```
git checkout -b testing
```

Marion **added** a file called “README” to her set of changes before committing.

```
git add README
```

Lacey **committed** her change with the comment "Finally fixing bug 2345".

```
git commit -m \
"Finally fixing bug 2345"
```

Paige **merged** her “testing” branch into master.

```
git checkout master

git merge testing
```

Susan **pushed** her changes in her “master” branch to Github.

```
git push origin master:master
```

Christine **created** a new git repo.

```
git init
```

Jessica compared the **differences** between her current repo and her last commit.

git diff

Laura **created** a new repo. She **added** a file called “README” and **committed** it with the **message** “Initial documentation”.

```
git init

git add README

git commit -m \
"Initial documentation"
```

Madhumati **showed** the **branches** available in her local repo. She **checked out** “master” and then **created** a new branch called “stage”.

```
git branch

git checkout master

git checkout -b stage
```

Ariel **created** a new **branch** for a feature called “background-color”. She edited a file called “style.css” and **added** them to her change set. She **committed** the changes with the **message** “Now with more red”.

```
git checkout -b background-color

git add style.css

git commit -m \
“Now with more red”
```

Lacey **created** a new **branch** called “add-tests” from master. She made changes to a file called “unittests/newuser.py” and **added** the file to her change set. She **committed** the changes with the **message** “Tests for adding a new user”.

```
git checkout master

git checkout -b add-tests

git add unittests/newuser.py

git commit -m “Tests for adding a new user”
```

Amber **committed** her changes with the message “Fixes bug 2014 - clearer error message on failure” and **sent** Julie a **pull request** for a merge.

```
git commit -m “Fixes bug 2014 -\
clearer error message on failure”

git push origin master
```

Go to http://github.com/amber/projectname
Click “Pull Request” button and configure options to send a pull request to Julie’s project.

Christine **committed** changes to the repo with the message “Wrapped up for stage”. She **verified** which **branch** she was currently committing to. She **pushed** the changes in her **current branch** to the “stage” branch on GitHub.

```
git commit -m \
“Wrapped up for stage”

git branch

git push origin \
localbranch:stage
```

Chris **checked** which **branch** he was currently in. He was in the master branch. He **pushed** his most recent changes to **master** to GitHub.

```
git branch

git push origin master:master
```

Selena forgot one file in her last commit, but was able to fix it without redoing everything. She **committed** with **`--amend`**, updating the commit message to “Making the leap from spaces to tabs”.

```
git commit --amend \
-m “Making the leap \
from spaces to tabs”
```

Tracy checked the status of her repo, and then pulled the latest changes from her github repo on master.

```
git status

git pull
```

Julie **pulled** the latest changes from her GitHub repo, but got an error message saying she couldn't apply the changes automatically. She re-did her **pull** with the `--rebase` option and it worked.

```
git pull

git pull --rebase
```

Jessica asked Christine to **rebase** her **branch** against **master** before sending the pull request for her “stage” branch. Christine **checked out** the master branch, **pulled** the latest changes from GitHub, **checked out** her stage branch and **rebased** it against master. She then **pushed** the latest changes to her **stage** branch to GitHub.

```
git checkout master
git pull origin master:master
git checkout stage
git rebase master
git push origin stage:stage
```

Flora **cloned** Thursday's repo. She **checked out** Thursday's "stage" branch.

Clicked “Fork” on Thursday’s repo on Github website.

```
git clone git@github.com:flora/projectname

git add remote thursday \
git@github.com:thursday/projectname

git checkout thursday/stage stage
```

Thursday **cloned** a repo and made a file called CHANGES. She **created** a branch called “stage” with the changes and **pushed** it Github.

```
git clone git@github.com:flora/projectname
git checkout -b stage
git add CHANGES
git commit -m “Improvements to projectname”
git push origin stage:stage
```

Julie **created** a repo locally and **shared** it on Github with a README. Julie then **created** a **branch** called “make-awesome”.

Go to: https://github.com/repositories/new

```
mkdir new-repo
cd new-repo
git init
git touch README
git add README
git commit -m “Initial documentation”
git remote add origin \
  git@github.com:julie/new-repo.git
git push origin master
git checkout -b make-awesome
```