CSE306

Brief Branch & Merge

git tutorial

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Branching and merging in git

Starting point: a sequence of commits all in the master branch.
Branching and merging in git

Create a new branch named 'bugfix':

```
git branch branch bugfix
```
Branching and merging in git

Move HEAD to new branch

```
git checkout bugfix
```
Branching and merging in git

commit 1  
commit 2  
commit 3  
commit 4  
master  
HEAD  
bugfix  

Make a commit on bugfix branch
Branching and merging in git

Make another commit on bugfix branch
Branching and merging in git

Check out master again:
git checkout master
Branching and merging in git

Merge bugfix into master:

git merge bugfix

Since no other commits were made to master in between this merge is straightforward.