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CS372 - Software Construction (Spring 2015) Homework #1

Git repository: <http://github.com/teknofire/CS372>

Initialize the git repo

1. git init
2. git add .
3. git commit -m 'initial commit'

Create branch and add class notes & examples

1. git checkout -b "notes-from-01-30-15"
2. git add notes
3. git commit -m 'Adding notes'
4. git add class 'class examples'
5. git commit -m 'Adding example code from in class'
6. git push

Merge the branch back into master

1. Go to github.com find the branch create in the previous section
2. Go to "Pull Requests" and click the "New Pull Request" button
3. Select master as the source and "notes-from-01-30-15" as the branch to merge
4. Review changes to make sure they only include the wanted changes
5. Click the "Merge Pull Request" button.
6. Update local version of repository "git checkout master && git pull"

Screen shot of revision history and branching (using command line)

```
alias glog="git log --all --graph --pretty=format:'%Cred%h%Creset
-%C(auto)%d%Creset %s %Cgreen(%cr) %C(bold blue)<%an>%Creset '
--abbrev-commit --date=relative"
```

```
CS372 — hub log --online --decorate --color --graph — glog — less — 105x22 —
```

```
*   9b5a523 (HEAD, origin/master, master) Merge pull request #1 from teknofire/notes-from-01-30-15
| \
| * 26ee37b (origin/notes-from-01-30-15, notes-from-01-30-15) Adding example code from in class
| * 8c0cd01 Adding notes
| * | 04e0304 adding readme
| /
* 6c61fea adding notes from 28th
* 1f1e740 adding gitignore for xcode
* ceca0fa adding notes and code from monday class
* cfc5620 adding jan 23rd notes
~
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~
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~
~
(END)
```

Same thing using “git gui”

