1. Create your branch

this is the Makefile we started writing in class.

```
#----------------------------------------
# A Makefile for creating your branch, among other things.
#--------------------------------
ME=rks                                          #-- initials for my branch.
URL=svn co https://svn.cs.georgetown.edu/svn    #-- The base svn address
USR=--username 250-374-developer                #-- svn authentication
PSWD=--password 'y(&qwqsq'                       #-- svn authentication


#-----------------
# Step 1. Checkout our branches/ directory.
# do "make step1" at the commandline.
#--------------
step1::
        svn co $(URL)/projects2/520-2013/branches \
            $(USR) $(PSWD)


#-----------------
# Step 2. Create my branch, and commit (checkin, ci) it to the repository.
# NB--You need to have your shell environment variable set for this to
# work. That is because svn needs to start an editor for you to enter
# your svn log message, and needs to know which editor you want to use.
# See below for setting your environment variable VISUAL or EDITOR.
#--------------
step2::
        cd branches; svn mkdir $(ME); svn add $(ME); svn ci


#-----------------
# Step 3. Get rid of projects2/branches and checkout my branch instead.
#--------------
step3::
        /bin/rm -rf branches;
        svn co $(URL)/projects2/520-2013/branches/$(ME) \
            $(USR) $(PSWD)



#=======================
# Shell environment variables.
# Every program launched from the commandline runs in a sub-shell.
# Sub-shells enherit certain variables from their parent, such as PATH.
# svn looks for the environment variable VISUAL or EDITOR.
# Here's how we set such a variable.
#=======================
setV::
        echo "export VISUAL=vi" >> ~/.bash_profile

#----- I use vi. You can use some other editor, e.g., emacs.
#----- The next time you open a terminal window, the new parent shell
#----- reads .bash_profile, and creates the environment variable
#----- VISUAL with its value being "vi". But the shell which you used
#----- run the above make command does not inherit because it is not
#----- a child of a shell that did read .bash_profile. Just close your
#----- current commandline window and open a new one.
```

2. Get Electric and do the tutorial.

2.a Setup **your trunk**.

--- Create a sub-directory "**trunk/**" in your branch and "**svn add**" it.
--- Create a sub-directory "**lib/**" in your branch and "**svn add**" it, also.
--- Check them in: "**svn up; svn ci; svn up**".
--- Create a sub-directory "**bin/**" in your branch but **do not** "**svn add**" it.

2.b Get **electricBinary.jar**

There are several versions in **URL/projects/LC3tools/**. I've had trouble running one or the other, depending on which machine I was using at the the time; so, try another version if the first one crashes. **Use a Web browser to copy it to your branch's bin/.**

2.c Get a copy of the **tutorial**.

Use a Web browser to copy **URL/projects/LC3trunk/examples/tutorial.jelib** to your **lib/**, and **svn add** it, and **check it in**.

2.d **Run Electric** and open your **lib/tutorial.jelib**.

Open the cell **0AAA-README{doc}** which is the tutorial's text. Also see **0AAA-UsingElectric{doc}** for a couple of shortcut tips.