

Labpage: <http://web.eecs.utk.edu/courses/fall2009/cs360/>

For example, Barack Obama's EECS account is *bobama4*, so his directory would be *bobama4*

=====

```
>svn checkout https://web.eecs.utk.edu/courses/fall2009/cs360svn/bobama4 cs360
/*this command will create a folder cs360 in your working directory and download the latest version of the repository into
this folder. Run this command only when you don't have a working copy of the repository on you local disk, otherwise use
svn update to download the latest repository and merge it into your local working copy.*/*
```

```
>cd cs360
```

```
>mkdir test /*create a folder for our test today*/
```

```
>svn add test /* tell svn that we want to add this folder to the repository*/
```

```
>cd test
```

```
><creat files, compile and run them>
```

```
>svn add <file names|folder names> /*add the files you want to submit*/
```

```
>svn commit -m 'put your comments here' /* this command actually upload the modified versions of files to
the repository.*/*
```

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Basic Work Cycle*

=====

After the initial checkout, the typical work cycle looks like this:

1. Update your working copy.
 - **svn update**
2. Make changes.
 - **svn add**
 - **svn delete**
 - **svn copy**
 - **svn move**
3. Examine your changes.
 - **svn status**
 - **svn diff**
4. Possibly undo some changes.
 - **svn revert**
5. Resolve conflicts (merge others' changes).
 - **svn update**
 - **svn resolve**
6. Commit your changes.
 - **svn commit**

* This information on this page is from *Version Control with Subversion* (by Ben Collins-Sussman et al.)

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For lab assignment labX, say lab1

```
> cd cs360 /*this is the directory that was created by your first 'svn checkout' command at the beginning of this
    tutorial*/
> mkdir lab1
> svn add lab1
> cd lab1
> <start creating and adding files>
> svn add <new files> /*refer to the lab homepage for the lab submission requirements*/
> svn commit -m "Adding lab1 directory and files"
```

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Makefile

```
=====
CC = gcc CLASSDIR = /home/huangj/cs360
INCLUDES = $(CLASSDIR)/include
CFLAGS = -g -Wall -I $(INCLUDES)
LIBDIR = /home/cs360/pub
LIBS = $(LIBDIR)/libfdr.a
EXE = ezshell /*replace ezshell with the name of your .c file*/

all: $(EXE)

$(EXE).o: $(EXE).c
    $(CC) $(CFLAGS) -c $(EXE).c
$(EXE): $(EXE).o
    $(CC) -o $(EXE) $(EXE).o $(LIBS)

clean:
    -rm -f core $(EXE) *.o
```