CS 241
Section Week #1

August 25, 2011
Topics This Section

• SVN (...by the command line!)

• HW #1 Overview
  • Due six days from now (Wed, Aug 31st)
    • Due at 11:00am on SVN (NOT IN CLASS)
    • No late submissions!

• Code Examples
svn

• Each week, there will be files we provide for us to use in section.

• Create a directory in your space to checkout svn:

  mkdir cs241
  cd cs241
To create a local “working copy” of the SVN, you need to run an `svn checkout` command:

```
svn checkout https://subversion.ews.illinois.edu/svn/fa11-cs241/
```

(Link on the course website for you to copy and paste)
svn

• Make sure your checkout worked:

    $ ls
    netid
    $ cd netid
    $ ls
    ds  hw1
    $ cd ds
    $ ls
    ds1
ds1
    $ cd ds1
    $ ls
    1.c  2.c  3.c  4.c  5.c
You only need to checkout files once!

From now on, you can get the latest changes from the server by running an `svn update`. 
• When you’ve got something working, you will want to commit the changes you made back to the server with an `svn commit`:

```bash
svn ci -m ""
svn commit -m "some message"
```
When you’ve got something working, you will want to commit the changes you made back to the server with an **svn commit**:  

```
svn ci -m ""
svn commit -m "some message"
```

We will grade your latest committed version of each MP!
• Often, you will only need to modify the files we provide to you on the svn. However, you will occasionally need to add a new file to your svn with **svn add**: 

```
svn add FILENAME
```
• Let's add a file, and verify we added it:

  (You should probably be in your ds1 directory for this.)

  ```bash
  cat "Hello World" >hello.txt
  
  svn add hello.txt
  
  svn ci -m "First SVN commit!"
  ```
Finally, what time did you make the submission? Did you make it in on time?

```
svn log hello.txt
```

r3866 | netid | 2011-08-22 22:07:59 -0600 (Mon, 22 Aug 2011) | 1 line

First SVN commit!
Homework #1

• Two parts:
  • [Part 1]: 16 questions on finding a problem with a provided snippet of code
  • [Part 2]: 2 questions on using binary and bit-level operators to accomplish a task
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  • [Part 1]: 16 questions on finding a problem with a provided snippet of code
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Discussion Section Practice

• Five different files, each having code snippets similar to HW1.
  • In your svn: ds/ds1/
    • 1.c, 2.c, 3.c, 4.c, 5.c
  
• To compile: gcc 1.c
• To run: ./a.out