

**Assignment 2**  
Due Feb 5 23:55

1. Write XUnit (JUnit/C#Unit) tests for your code from assignment 1. In assignment 1 you had four changesets. Each change set contained a different version of the assignment. In this assignment we want to add test cases to each version of assignment one. So we will end up with four new changesets in this assignment. Each changeset in this assignment will contain the contents of a changeset from assignment 1 plus unit tests.

The goal of this assignment is write unit tests and to get more practice with mercurial.

**How to turn in your Assignment**

You can use the same Bitbucket repository you did for last assignment. You will have to submit the url again in the course portal.

**Grading**

Code Compiles & Runs	20%
Code downloads correctly from BitBucket	20%
Code has required versions	20%
Have reasonable unit tests	40%

Questions for thought

When you connect to the campus website ([www.sdsu.edu](http://www.sdsu.edu)) how many network connections are used?

How many connections are used when you connect to <http://www.nytimes.com/>? What are the addresses that

How many hops do packets take from your machine to [www.google.com](http://www.google.com)? How long does it take packets to reach [www.google.com](http://www.google.com) from your machine?

What percent of your TCP packets arrive out of order? (`netstat -s` on some platforms)