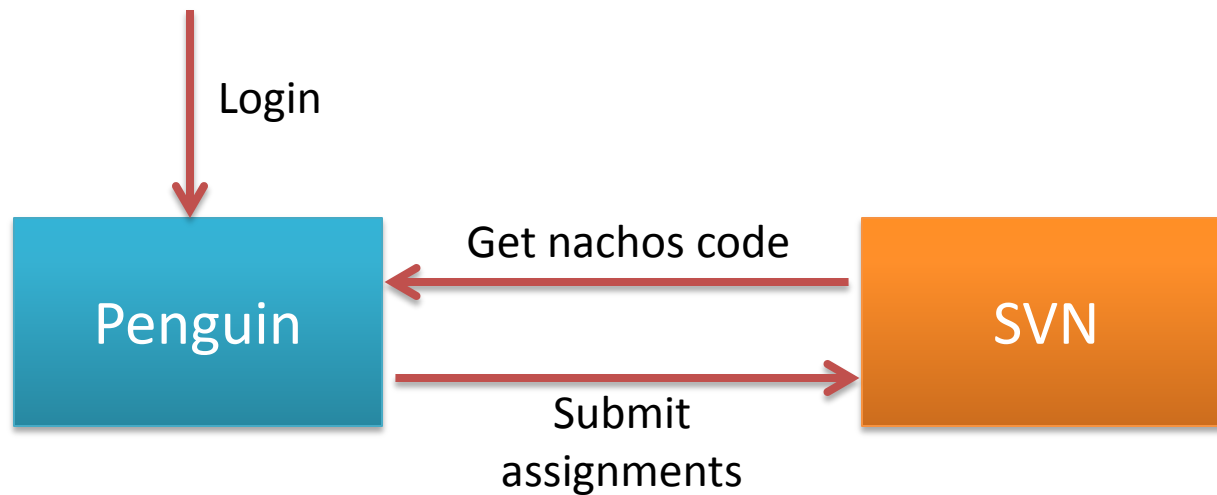# Working on Assignments

CS/SE 3SH3

Preparation

- Mac user
  - Terminal

- Windows user
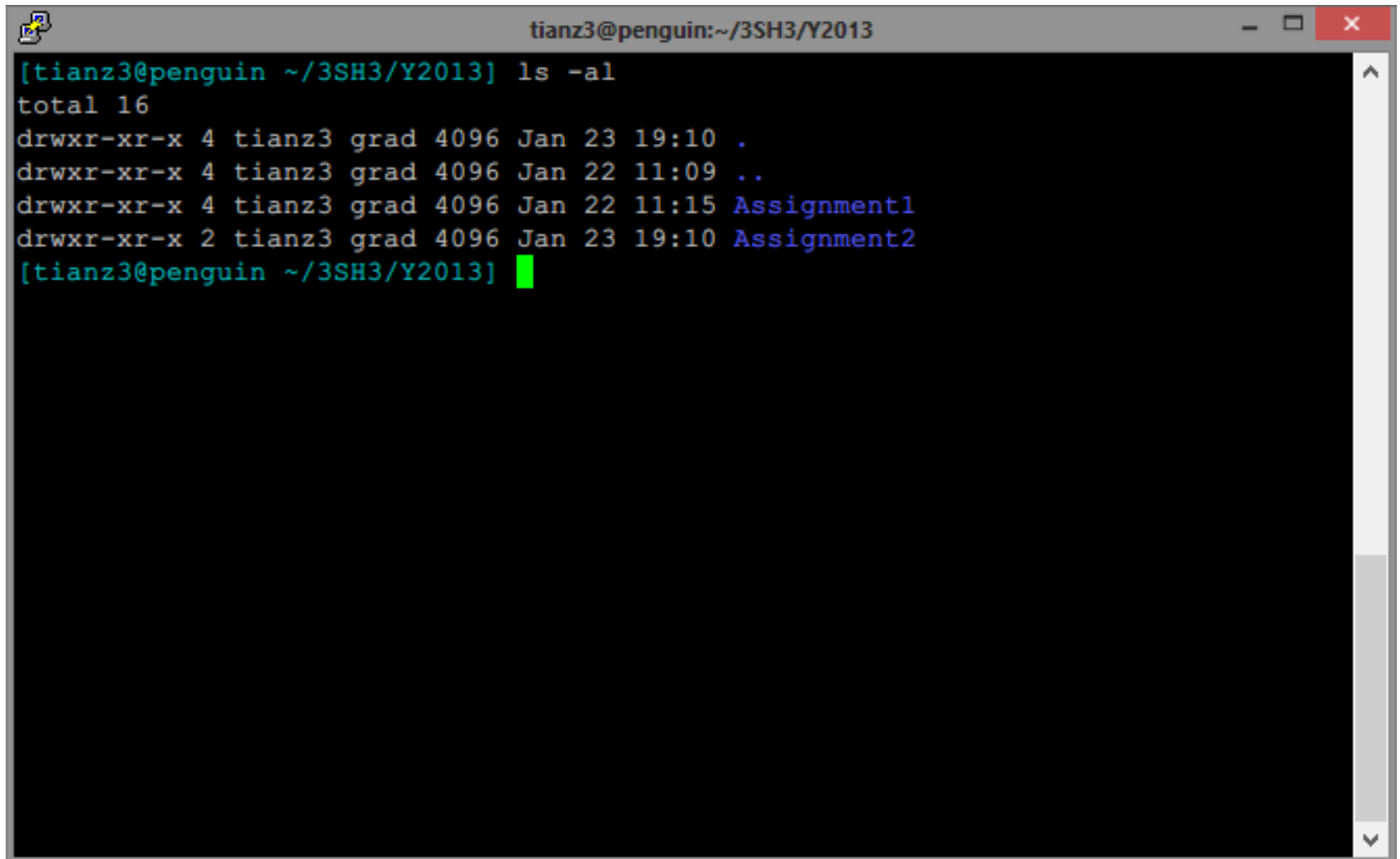 - SSH client (PuTTY…)

Working on Assignments

- Working on **Penguin**
- Submitting assignments to **SVN**

Working on Penguin

- Penguin, Port 22

- >SSH penguin.mcmaster.ca
- >SSH macid@penguin.mcmaster.ca

- Login use MacID

> mkdir Assignment1
> mkdir Assignment2

SVN Address

https://websvn.mcmaster.ca/nachos/
+ group number

For example:

https://websvn.mcmaster.ca/nachos/group1/
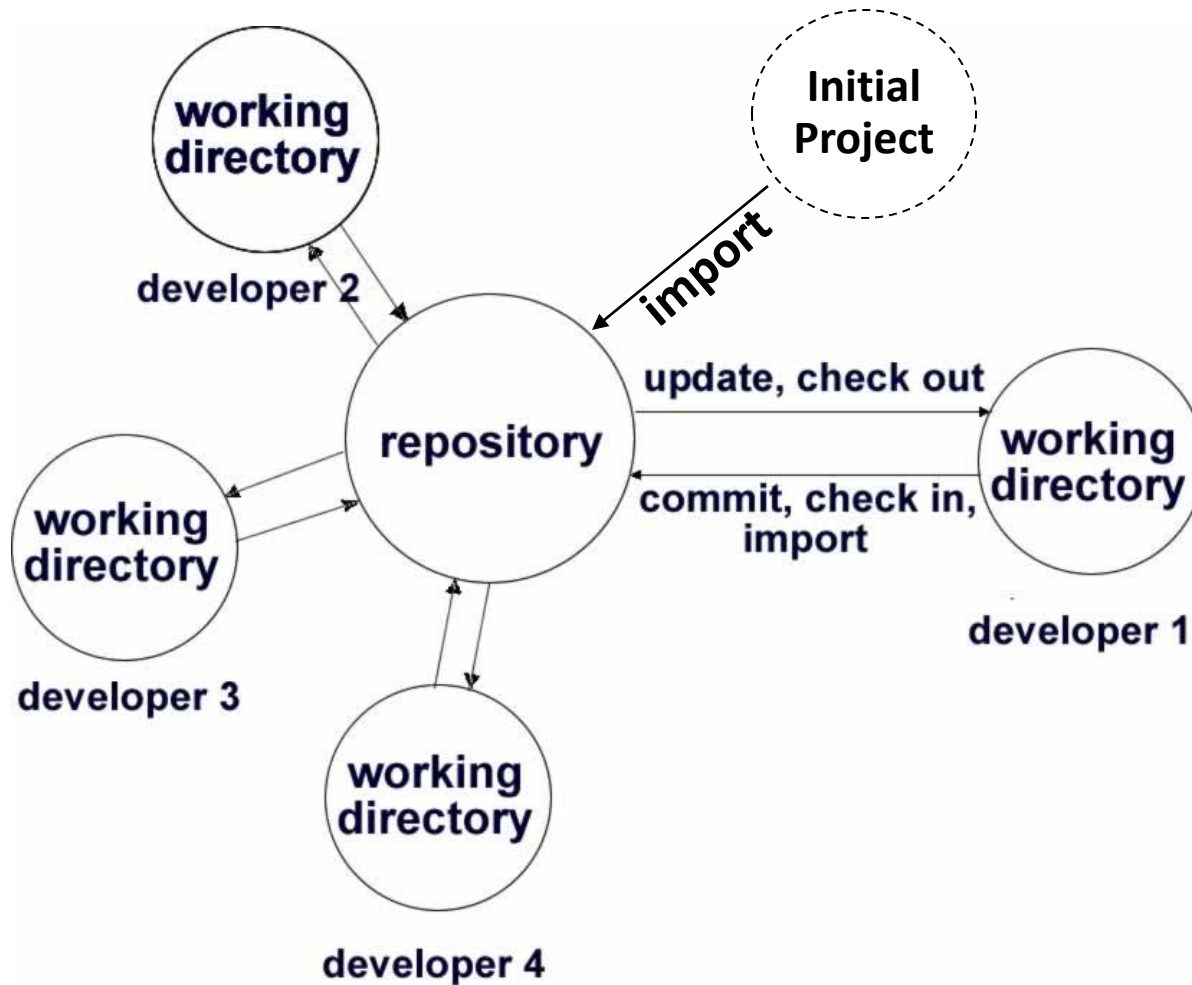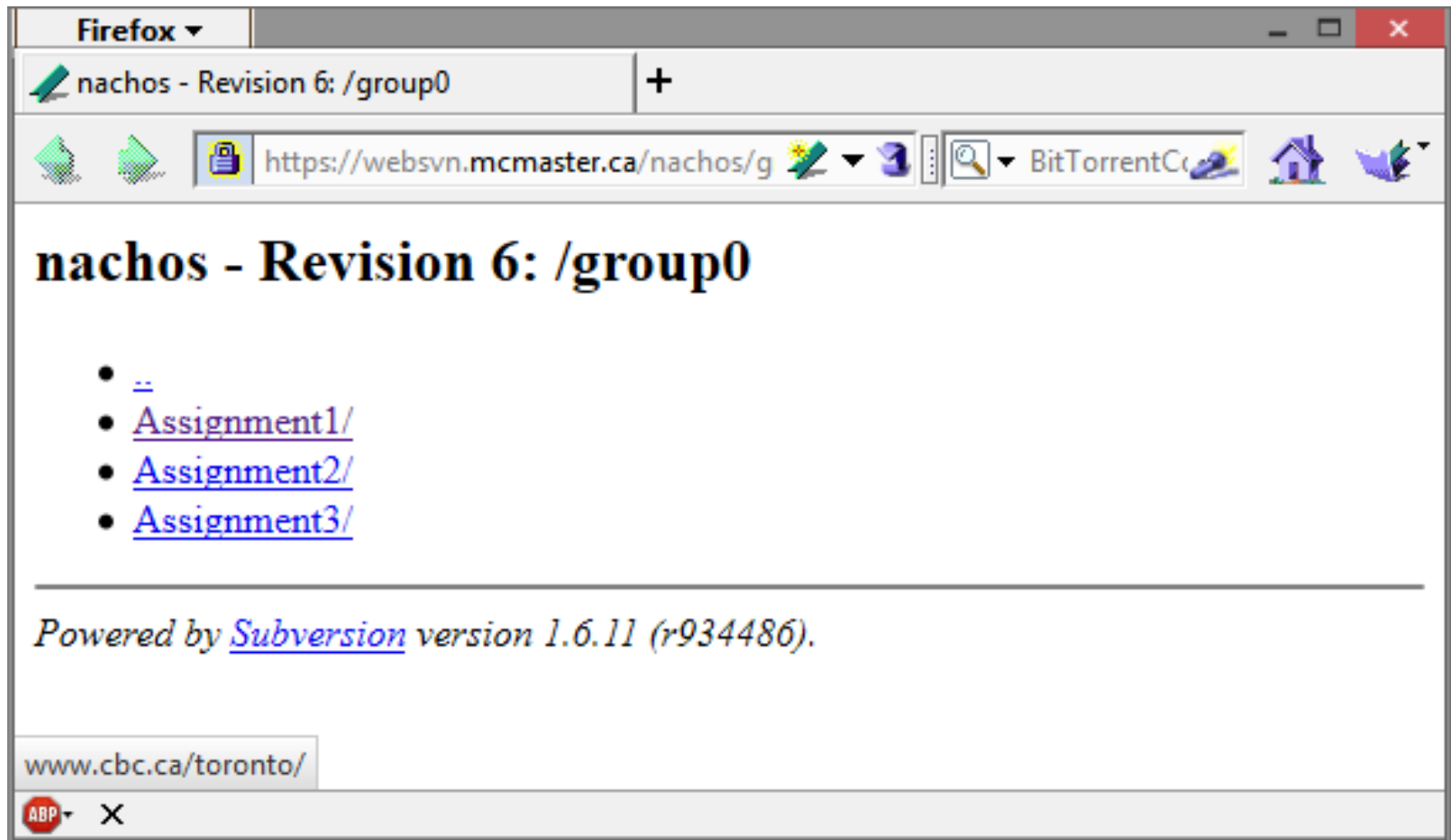
How SVN works?

Useful SVN commands

- Check out
  - Retrieve files from repository to working directory

- Commit (check in)
  - Place the changes in the working directory into repository

- Update
  - Merge the latest changes in the repository into the working copy files

For Each Assignment

- Create a directory on penguin
- Checkout nachos code from assignment SVN directory

Check Out – Get a nachos Copy

- svn checkout repository-URL [working_dir]
- svn co repository-URL [working_dir]

- > svn co https://websvn.mcmaster.ca/nachos/group1/Assignment1 ~/Assignment1

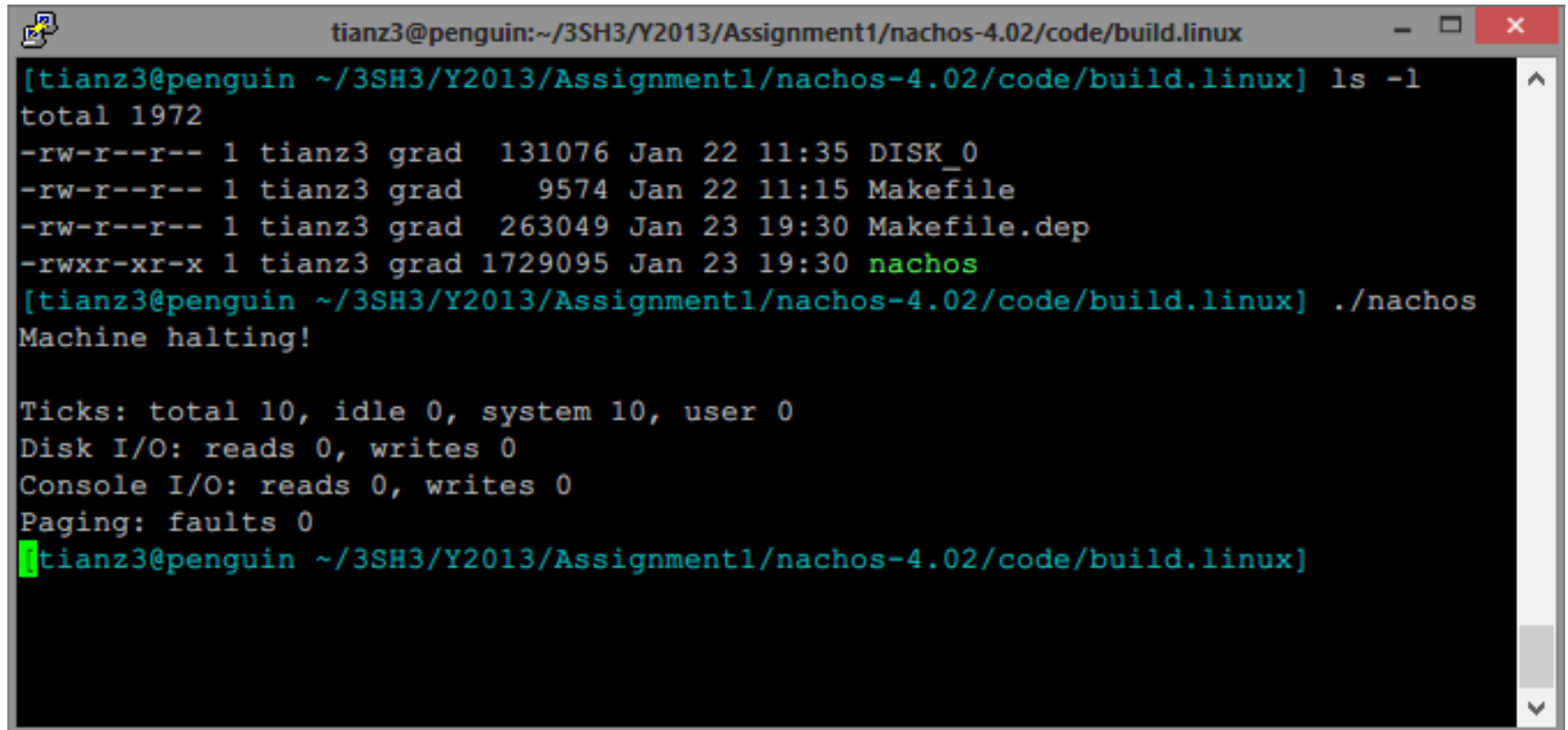This checks out a nachos copy to "~/Assignment1"

Compile Nachos

- Goto directory
  "`~/Assignment1/nachos-4.02/code/build.linux`"

- `> make clean`
- `> make depend`
- `> make`

Compile succeeded

- Run nachos

  > ./nachos

Check In – Submit your works

- Before Checkin your work
- 1. Compile and test
- 2. Check conflict with peers

- > svn update
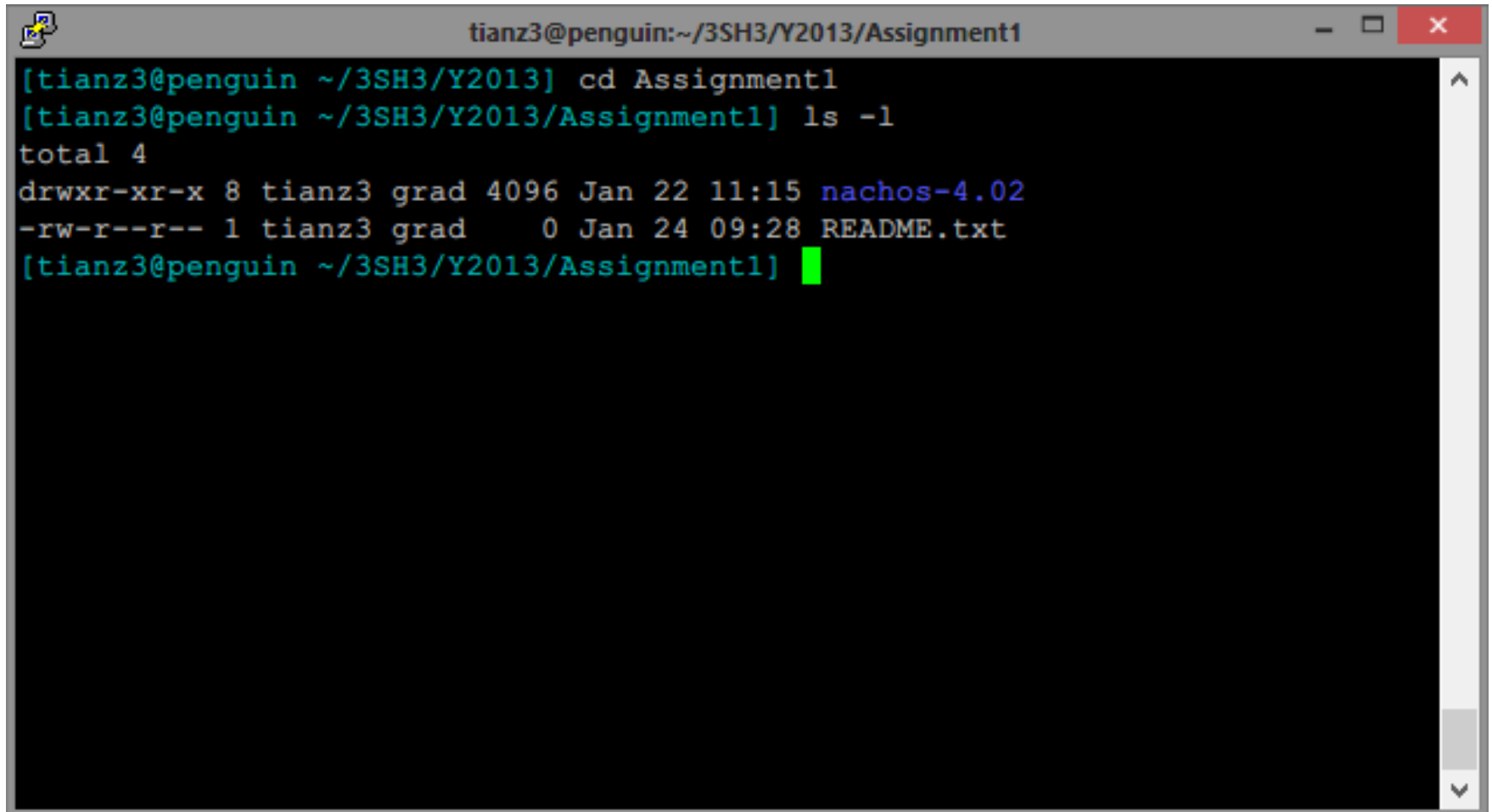- > svn commit –m "message"

About assignment

- README.txt
  - Plain text
  - 60 chars / line

- Nachos codes
  - Compiled, tested and well commented

README.txt

- Names of all team members

- How late this assignment is, how much extension time left

- File names modified and added

- Your design ideas (code snips)
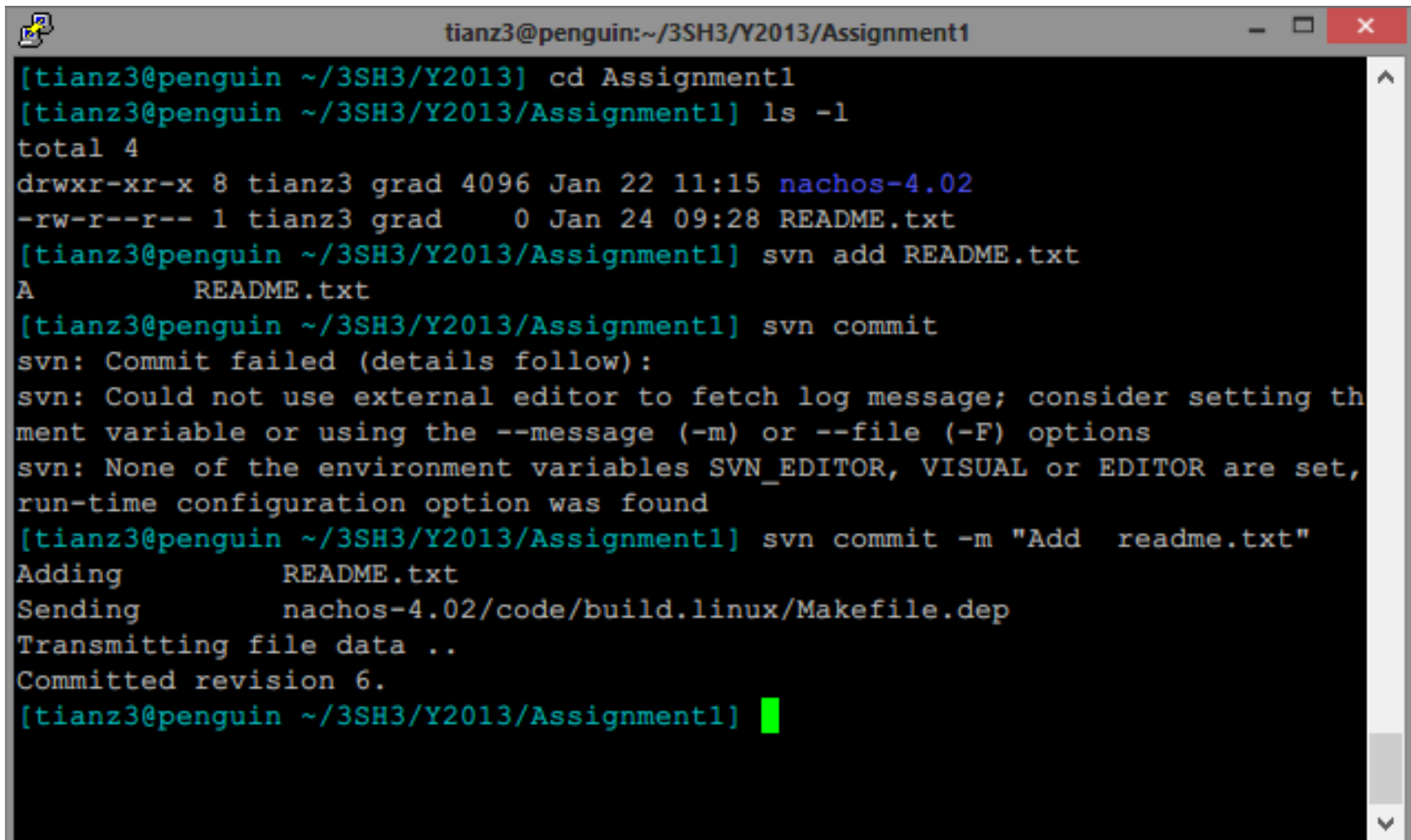
- Output of your test

Assignment submitted

Add "README.txt" to SVN

- > `svn add README.txt`

After Assignment Submission

- Check your submission using a browser

Questions ?