Git Exercise

You should be doing this in your Linux install.

1. Download git from http://git-scm.com/
2. Install git
3. Make an RSA key-pair:
   ssh–keygen –t rsa
4. Go to your home directory and look in the .ssh directory. You will have two files:
   a. **id_rsa** – this is your private key. DO NOT GIVE THIS TO ANYONE!
   b. **id_rsa.pub** – this is your public key
5. Email me your public key, along with your username for your Linux install.
6. Configure git:
   a. git-config --global user.name 'Your Name'
   b. git-config --global user.email 'Your Email'
   c. git-config --global user.name color.ui 'auto'
7. **git-clone git@cs.worcester.edu:practicen** *(where n is your team number)*
8. **cd practicen**
9. See what files are there, and what is in them
10. **git status**
11. **git log**
12. Create a new file *name*.txt, put whatever you want in it
13. **git status/git log**
14. **git add name.txt**
15. **git status/git log**
16. **git pull**
17. See what files are there
18. **git status/git log**
19. **git commit –m 'Your commit message'**
20. **git push**
21. Edit **common.txt** and add your name after "Your name:"
22. **git status/git log**
23. git add common.txt
24. **git status/git log**
25. **git pull**
26. If you get a conflict
    a. Make sure your teammates see what it looks like.
    b. Fix the conflict (add your name to the end of the line.)
27. **git status/git log**
28. **git add common.txt**
29. **git commit –m 'Your commit message'**
30. **git push**
31. Go to the Eutester project:
    https://projects.eucalyptus.com/redmine/projects/eutester
32. Clone the Eutester repository