CS410 S26 Week1 Class#2 Lesson Plan

Announcements and tasks:
1. Get your **course directory** by accessing the cs website: https://www.cs.umb.edu and click upper right portal login.
2. **Find the class website: https://www.cs.umb.edu/~hdeblois and click 410 .**
3. Syllabus is reposted so take a look – link to piazza fixed, snow days change inserted (content for Week10 Class#19 deleted, all prior content columns pushed down one class, Report R10 added to today in place of R19, so there are 20 total reports, 10 points each.
4. Join **piazza** – give your email. This let's us answer questions across all teams.
5. **Microphone and Recordings.** Instructors are always careful of student information per FERPA – Family Education Act and Privacy Rights. In this class I intend to wear the microphone and record the classes, because sometimes this information can be useful. Please tell me if I forget to turn it on! But I will not edit the recordings. So I will turn the microphone off if there is no central speaker. Please be sure the mike is off before we start the informal post-class questions.
6. This class is about building software in teams so our first task is to get to know everyone's first names and last initial. We will also use the last four digits of your student id.
7. **Reading**: Syllabus is four pages. We also have reading in ProGit, ch1-2, due today. ProGit is online. Git can be implemented by one person or a group or via https://github.com/jhollyd teams or as general public access to open source code.
8. **Main topics**: introduction (this), git, - distributed version control software system started by Linus Torvalds (see wikipedia git) - and agile principles. See agile principles website on class website.
9. **Handout** is Linux Kernel diagram. We'll talk about it.
10. **Draw#1** is to show your home computer system with ssh connection to umb.edu/cs.umb.edu if you have it and your laptop in class with ssh connection to umb.edu/cs.umb.edu. Hand it in.
11. a. Write your **nnnn.txt** file on the other side of the paper: four identifiers and four entries:
NNNN: write last four digits of student id
FIRST NAME and LAST INITIAL: write yours
PREFERRED SKILLS: write at least 3 and no more than 8, one word or abbrev. Each
PREFERRED ROLES: say what software job you think you would enjoy most
11. b. Then **access the CS server.** In your home directory use **emacs or nano** create nnnn.txt file where nnnn is the last four digits of your student id. Please do not use vscode. Type "w" to see who is on the CS servers with you.
12. Last step: **write your Report R1 for credit** (10 points). Hand write it. Put these 4 lines at the top:
filename: R01.txt
author: Give Your Full Name
student id last four: nnnn
cs username: <cs username>
Then put these 5 requirements with answers:
1. Requirement 1: Access your CS website from your browser:
https://www.cs.umb.edu/~<csusername>. You may or may not already have a website there. Write out the result of this test:
2. Requirement 2: Identify your laptop: List your hardware and your OS:
3. Requirement 3: Login to the CS server by typing an appropriate ssh command in a terminal window. Did your laptop prompt you for your cs password?
4. Requirement 4: Type your password (do not show it to anyone else). Did you get on the CS server and see the pe15 prompt? List the prompt.
5. Requirement 5: Type "w" to see who is on the server. Do you see your cs username?
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