Command Line User Study

Preliminary Survey

* Required

1.   Are you currently enrolled in any of the following courses? *

Mark only one oval.

⬭ CS 163   *Skip to question 7*

⬭ CS 164   *Skip to question 7*

⬭ CS 464   *Skip to question 7*

⬭ None   *Skip to question 2*

Preliminary Survey	Please complete this portion of the survey before you begin your assigned learning option.

2.   What is your age? *

_____

3.   What is your gender?

Mark only one oval.

⬭ Female

⬭ Male

⬭ Other: _____

4. Please rate your level of prior experience using the command line. *

Mark only one oval.

	1	2	3	4	5	
No experience/Unsure what the command line is	◯	◯	◯	◯	◯	Highly experienced

5. Which of the following commands, if any, do you currently feel comfortable using? *

Check all that apply.

- ☐ cd
- ☐ grep
- ☐ ls
- ☐ man
- ☐ mkdir
- ☐ more
- ☐ mv
- ☐ pwd
- ☐ rm
- ☐ rmdir
- ☐ None

6. Which learning option were you assigned? (If unsure, please refer back to the email containing this survey.) *

Mark only one oval.

- ◯ Option A
- ◯ Option B

Skip to section 4 (Preliminary Survey Complete)

Preliminary Survey

Course Credit Tracking

7.   What is your first and last name? (Your name will only be used to assure you receive
      appropriate course credit and will not be associated with your experiment results.)

_____

Skip to question 2

Preliminary Survey
Complete

Please do not continue to the next section until you have completed the
learning portion of this study.

Assessment

Multiple Choice Section

8.   What does the `ls` command allow you to do? *

      Mark only one oval.

      ( ) Search for a word in a file

      ( ) View the contents of a directory

      ( ) View the contents of a file

      ( ) View the name of the current directory

9.   Which of the following actions can you do with the `rm` command? Check all that
      apply. *

      Check all that apply.

      [ ] Remove a non-empty directory
      [ ] Remove an empty directory
      [ ] Rename a file
      [ ] Remove a file
      [ ] Rename a directory

10. Which of the following commands allows you to move yourself from one directory
     to another? *

     Mark only one oval.

     ( ) mv

     ( ) cd

     ( ) rmdir

     ( ) grep

11. Which command lets you view the contents of a file? *

     Mark only one oval.

     ( ) mv

     ( ) grep

     ( ) more

     ( ) ls

12. What does the `~` symbol stand for in a command? *

     Mark only one oval.

     ( ) The current directory

     ( ) The parent/previous directory

     ( ) The home directory

13. What does the `grep` command allow you to do? *

     Mark only one oval.

     ( ) Search for a word in a file

     ( ) View the contents of a directory

     ( ) View the contents of a file

     ( ) Go back to the previous directory

14.   Which of the following commands lets you create a new directory? *

      Mark only one oval.

      ⬭ cd

      ⬭ more

      ⬭ pwd

      ⬭ mkdir

15.   Which of the following things can you do using the `mv` command? Check all that apply. *

      Check all that apply.

      ☐ Move a file to a different directory
      ☐ Move a directory to a file
      ☐ Rename a file
      ☐ Rename a directory
      ☐ Move yourself from one directory to another
      ☐ Move a directory into a different directory

16.   What does the `..` symbol stand for in a command? *

      Mark only one oval.

      ⬭ The current directory

      ⬭ The parent/previous directory

      ⬭ The home directory

17.   What does the pwd command allow you to do? *

Mark only one oval.

◯ Create a password protected directory

◯ View the name of the current directory

◯ Delete an empty directory

◯ View the contents of a file

18.   Which command allows you to delete directories only when they're empty? *

Mark only one oval.

◯ rm

◯ rmdir

◯ pwd

◯ mkdir

Short Answer Section

Assessment

Use the file system pictured below to answer the following questions. `Home` refers to your home directory. For each question, assume you are located in your home directory unless otherwise specified.

19. Assume you are located in `Dir1`. You want to move `fileA` to your home directory. Type the command that does that. *

_____

20. You want to search for the word `bird` in `fileB`. Type the command that does that. *

_____

21. Assume you are located in `Dir2`. Type the command to go to `Dir3`. *

_____

22. Assume you are located in `Dir3`. Type the command to go back to `Dir2`. *

_____

23. Assume you are once again located in `Dir3`. In a single command, go back to your home directory. *

_____

24. You want to view the contents of `fileC`. Type the command that does that. *

_____

25. How would you write the command that would delete the empty directory "Dir4"? *

_____

26. Assume you have no idea what directory you're in. Type the command that helps you figure that out. *

_____

27. You want to change the name of \`fileZ\` to \`fileD\`. Type the command that does
     that. *

     _____

28. You want to see what's inside of your current directory. Type the command that
     shows you that. *

     _____

29. You want to create a directory called \`Dir5\`. Type the command that does that. *

     _____

30. How would you write the command that would delete \`fileE\`? *

     _____

     Assessment Complete   Please continue to the User Survey.

     User Survey

31.   After the completion of your assigned learning option, which of the following
       commands, if any, do you feel comfortable using? *

       Check all that apply.

       ☐ cd
       ☐ grep
       ☐ ls
       ☐ man
       ☐ mkdir
       ☐ more
       ☐ mv
       ☐ pwd
       ☐ rm
       ☐ rmdir
       ☐ None

32.   How well do you feel your assigned learning option aided in your understanding of
       the above commands? *

       Mark only one oval.

                        1   2   3   4   5
       Not at all   ⬭   ⬭   ⬭   ⬭   ⬭   Extremely well

33.   How would you rate your level of amusement while completing your assigned
       learning option? *

       Mark only one oval.

                              1   2   3   4   5
       Not at all amused   ⬭   ⬭   ⬭   ⬭   ⬭   Very amused

34. Would you recommend your assigned learning option to anyone else who wanted to learn how to use the command line? *

Mark only one oval.

◯ Yes

◯ No

35. Additional questions or comments:

_____

_____

_____

_____

_____

Google Forms