**DPS918 - Unix BASH Shell Scripting**

**Lab #1: Introduction to Unix/Linux concepts**

**Note to UNX510 Students:** This is the DPS918 lab, not the UNX510 lab. If you do this lab instead of the correct one, you will be rewarded with a mark of 0. Complaints and/or whining will not be considered.

**Objective:** To gain experience with some of the fundamentals of Unix/Linux commands and the file system.

**Due date**: May 19, by midnight

**Value**: 3% of final course mark

**Perform the following steps on Matrix:**

1. Enter the following on Matrix: ~dps918/lab1
2. You will see the following important notes on the first screen:
3. DPS918 Lab 1: Notes
4. ------------------------------------------------------------------------------------------------
5. Some important notes on this Lab:
6. (1) You do NOT have to do this whole Lab in one sitting! Any completed sections will
7. be tracked.
8. (2) You may abort the Lab at any time by pressing Ctrl-c but you will lose any work done
9. on an incomplete section.
10. (3) Instructions for each page will be displayed at the bottom of the screen.
11. (4) The answers expected in this Lab are derived from the Lab itself and the course notes. The
12. course notes should be used as a reference, if required. Using Google or another search
13. engine may provide answers that are not accepted by the Lab.
14. (5) This Lab is maintained by Les Czegel. Please try to resolve any problems with your
15. instructor who will determine if Les should be contacted.
16. ------------------------------------------------------------------------------------------------
17. Press <ENTER> to continue (or: 'm'-main menu).
18. Hit ENTER and you'll see the following:
19. DPS918 Lab 1: Selection Menu
20. ------------------------------------------------------------------------------------------------
21. Available selections:
22. 1 Introduction To Unix Commands
23. 2 Basic Unix Commands
24. 3 Directory Management
25. 4 Practice Commands To Create A Directory Structure
26. 5 Create A Directory Structure
27. 6 Practice Specifying Path Names
28. 7 Permissions
29. 8 Submit DPS918 Lab 1
30. The highlighted lines above indicate the incomplete parts of the Lab.
31. There is a total possible mark of 3, with 0.5 marks deducted for each
32. incomplete part. Late marks will be deducted at the rate of 0.3 marks (10%)
33. per day for Labs submitted after midnight of May 19 2017.
34. ------------------------------------------------------------------------------------------------
35. Enter a menu selection or 'q' to quit:
36. As you can see, the lab is divided into 7 parts. Incomplete parts will be highlighted, as will incomplete sections within each part.
37. There is a total possible mark of 3, with 0.5 marks deducted for each incomplete part.
38. As noted, late marks will be deducted at the rate of 0.3 marks (10%) per day for labs submitted after midnight of May 19.

**Submission requirements**:

1. Lab 1 is due on May 19.
2. Submitted labs **MUST** consist of the student's **OWN** work.
3. Your lab **MUST** run on Matrix.
4. When you're ready to submit the lab, select "8" on the Lab 1 menu. You will be shown the mark that will be received if you complete the submission. You will then be given the choice of submitting or cancelling the submission.
5. You must see the following screen, or the lab did not get submitted. Please let me know if you have problems with this:
6. DPS918 Lab 1.8: Submit Lab 1 Page 2/2
7. ------------------------------------------------------------------------------------------------
8. Congratulations!
9. You have successfully submitted Lab 1!
10. ------------------------------------------------------------------------------------------------
11. Press <ENTER> to continue (or: 'm'-main menu).