

McGill University
School of Computer Science
COMP-206

Mini Assignment #1

Due: September 23, 2017 on myCourses at 23:30
(two late days, -5% each day)

Question 1: The Linux Manifesto

Google “Linux Documentation Project Manifesto” and for this question, summarize the manifesto in two to four sentences.

Question 2: Software Engineering and the command-line

For this question, you will need to make a screen shot or use your phone to take a picture of your computer screen. This single photo/screen-shot needs to prove that you answered the following questions. You will submit this picture as your answer to this question:

- A. The command-line prompt must show your user first and last name. You will need to change your prompt by using either the SET PROMPT command or the SET PS1 command (it depends on your shell).
- B. In lecture 3 week 2 slide 54, we saw how developers working on a software project create a special directory structure that supports their programming efforts.

Create the following directory structure within your home directory (each row is a directory name and the indentation implies that it is a subdirectory – for example COMP206 is a subdirectory of Projects, and ass1 is a subdirectory of COMP206):

```
Projects
  COMP206
    ass1
      archive
      backup
      docs
      assets
      database
      source
```

And place the screen-shot and solution document you will create to answer the questions of this assignment in the source directory. The other directories can be empty.

WHAT TO HAND IN

Everything must be submitted to My Courses before the due date. Remember that you can hand in your assignment up to two days late but there will be a penalty of 5% each day. After that, your assignment will not be accepted. Please hand in the following:

- For question 1: A text, word or PDF file named A1Q1 with the answer.
- For question 2: A JPG or PNG file named A1Q2 with the answer.

HOW IT WILL BE GRADED

The assignment is worth a total of 20 points.

- QUESTION 1: is worth 10 points
 - The points will be awarded proportionally.
 - The full 10 points will be assigned to a 2 - 4 sentence summary that fully captures the meaning of the manifesto.
 - Incomplete answers or answers using more than 4 sentences or answers that have sentences that are extremely long will lose points.
- QUESTION 2: is worth 10 points.
 - The points will be awarded proportionally.
 - 5 points for the correct directory structure
 - 3 points for having the A1Q1 and A1Q2 files placed properly in the source directory.
 - 2 points for a good screen-shot/picture that proves you did question 2 correctly.

GRADING RULES

The following rules are followed by the TA when grading assignments:

- A program must run in order to get a grade (even if it does not run well). If it does not run (does not compile) it will receive a zero. (Make sure to run your programs from Trottier – they sometimes do not run the same from home when logging in using putty.)
- The TA will grade using the linux.cs.mcgill.ca server.
- All questions are graded proportionally (assuming the program runs at all). This means that if 40% of the question is correct, you will receive 40% of the grade.