CSCI 3151: Assignment 0

Weights are in parentheses.

Q1(0). Download and install R on your computer from the local mirror `http://mirror.its.dal.ca/cran/` Look for an R tutorial online and browse through through it, trying the basic fuctions mentioned in class.

Q2(P/F). Set up an SVN repository for online submission of the course assignments.

1. Create your own SVN repository if you do not already have one at `https://svn.cs.dal.ca`. The repository URL will be: `https://svn.cs.dal.ca/<student>` where `<student>` is your CS user name.

2. Create the SVN path in your repository where coursework will be stored. The path for this course is `https://svn.cs.dal.ca/<student>/csci3151` Path is case sensitive!

3. Send an email to your instructor when you get the confirmation email that your repository has been created and after you have created "csci3151" in it.

4. Tech staff will then grant the instructor and TA access to all of the students' work in that path.

For more information on SVN, consult the SVN documentation at `http://svnbook.red-bean.com/`. The SVN FAQ is at `http://subversion.apache.org/faq.html`

You may use the command line tool of SVN, or a GUI interface.

Command line SVN is built into Linux and Mac OS, but it needs to be installed on Windows. On Windows, you can also use a GUI SVN client like TortoiseSVN `http://tortoisesvn.net/downloads.html`

In TortoiseSVN, the command line client tool is an installation option that is not active by default. Make sure you select it from the installation setup options. The command line client tool can then be accessed from the Windows command line. Documentation of the command line tool is available here: `http://tortoisesvn.net/docs/release/TortoiseSVN_en/tsvn-automation.html`

For handling your assignments, you only need to use a small subset of the capabilities of SVN. Commands to use are:

- **checkout** (to retrieve a project),

- **add** (to add files to the project),

- **commit** (to send your changes to the repository)

- **update** (to retrieve changes from the repository)

The project is your assignment. Search on Google for "svn tutorial" and you will find many. This one is fairly brief and to the point `http://www.tutorialspoint.com/svn/svn_tutorial.pdf`.

Each time you update your assignment a0.doc or a0.pdf on your machine, it is a good idea to upload the updated version to the SVN repository on the server using svn commit. The copy on the repository is safe in case your own disk dies or you delete your local copy by mistake.

Q3 (P/F). Answer briefly the following questions:

1. What is your home town? Include a Google Maps URL with its location.

2. What credit course did you enjoy the most in your Computer Science degree program(s)?

3. What motivated you to sign up for CSCI 3151 Web Intelligence?

4. What is your professional aspiration after you complete your CS degree?

5. Are you working towards a CS specialization? which one?

Instructions for submitting the assignment.

Your assignment should have a cover page with the following information:

> CSCI 3151 (winter 2016)
> Assignment X (where X = 0, 1, 2, ...)
> Last name
> First name
> Banner ID
> CS username

The file that you submit for assignment X should be named as:
`CSusername-aX.pdf` If you submit a supplementary file on a specific question Y, name it as:
`CSusername-aX-qY.pdf`

Grading: Each question will be graded with a letter grade, based on content (0.7), and quality of writing / neatness (0.3). If the assignment is so poorly written that content becomes difficult to understand with normal effort, then content mark will be further reduced.

Typesetting assignments is labour-intensive due to the mathematics. Therefore, typeset assignments are not required. If your handwriting is not perfectly legible, you may want to type the text, and fill in the math by hand. If you write your assignment by hand, please scan it for submission (use black marker pen for the handwritten parts, scan as black/white into a pdf file to minimize the file size).

The overall grade for the assignment will be a weighted average of the individual grades. Letter grades are being averaged using their GPA equivalent. No rounding takes place. The meaning of the grades is as per the University Calendar, section 17.1. This style of grading will be used in all evaluation components of this course.