


Algorithms

CMPT 435

– Assignment 0 - 50 points

Goals	<ul style="list-style-type: none">to have fun with LaTeX, Overleaf, and poetry. [50 points]to get GitHub set up and working nicely.
Requirements and Notes	<ul style="list-style-type: none">Make a private GitHub repository for this class.Add me (GitHub user <i>Labouseur</i>) as a collaborator.E-mail me the url of your repository.Select the programming language you will use for this course. Choose carefully, as you are making a semester-long commitment. Java and C++ have been popular choices and I encourage you to use either one. (See below for a special C++ offer!) Some older languages like Pascal and C have been tried, and they're good too. Every now and then a student will ask to use a functional language like Haskell, ML, or LISP. That's likely okay, but ask me first. If there's a language that you'd like to use that I haven't mentioned, ask me about it. If you're thinking about Python, let me save you some time: NO. Make folders in the root of your repository, one for each assignment.<ul style="list-style-type: none">You will put your code (including <i>main.java</i> or <i>main.cpp</i> or <i>main.whatever</i> depending on the language you choose) and any associated files in the appropriately-named folder. You must have a <i>main</i> module that runs all of the code for the entire assignment and display the output neatly, clearly, and professionally.For this assignment, just put your PDF and LaTeX source in there. See below.Make a free account on Overleaf at https://www.overleaf.comUse LaTeX (via the template below) to write a limerick about the programming language you want to use this semester. (I love limericks, so feel free to write more.)Generate a PDF of your document and place it in the "Assignment 0" folder.
For extra credit all semester	<ul style="list-style-type: none">Use C++ for a 10% bonus on all assignments. E.g., if you score 88/100 on an assignment I'll record your grade as 97.
Resources	<ul style="list-style-type: none">There are many Git resources on our class web site.There are many LaTeX resources on our class web site.Here is an example of the completed assignment: https://www.labouseur.com/courses/algorithms/LaTeX_Limericks.pdfHere is a template you can use for this assignment: https://www.overleaf.com/read/vbyzyrbxbdb
Hints	This is as easy as it gets. Lean in to LaTeX and Git; you'll be happy.
Submitting Your Work	Commit your final PDF and your LaTeX source file(s) to the <i>Assignment 0</i> directory in your private GitHub repository. (It must be a private repository. I will not accept anything else.) E-mail me the URL of your GitHub repository. Remember to add me (<i>Labouseur</i>) as a collaborator in GitHub. Please send this to me on or before the due date (see our syllabus).

