Lab 2

On Cloud9, create a folder named "lab2" in your cse201 workspace. Store all your work for lab 2 in that folder.

Some of the excercises in this lab will require you to use a pair of parenthesis to override the order of operations. For example: the expression `2 + 3 * 4` returns the value `14`, while the expression `(2 + 3) * 4` returns the value `20`.

Excercise 1

Create a program that displays any haiku of your choice. Name your source file haiku.cpp.

Excercise 2

Create a program that reads an entire line from user input, then outputs that line surrounded by double quotes; include a new line at the end of the program's output. Name your source file quote.cpp.

Excercise 3

Create a program that calculates the average of 4 real numbers input by the user. Display the average value in scientific notation. Name your source file avg.cpp.

Excercise 4

Create a program that calculates the area of a circle given the diameter length input by the user. Display the result in 3 significant figures. Name your source file circ.cpp.