Name:

Please remember you must follow instructions exactly in this course. Failure to follow these instructions will result in a failing grade on this quiz.

1. Write a C program that:

* sums powers of two from 0 to 8 (e.g., 20 + 21 + 22 + ... + 28)
* prints the result in the following format:

the sum of the powers of two from 0 to 8 = <value>

Note that your code must be well-commented and well-formatted.

Submit your result by a plain text email. Send me your source code as an attachment using a filename of lastname\_firstname\_qu03.cc, and include the result you obtained from running your code in the body of your email AS PLAIN TEXT.

Use Microsoft Excel to verify your answers. Attach the spreadsheet as a second attachment with a filename of lastname\_firstname\_qu03.xlsx.

Deviations from these requirements will be heavily penalized.

Using rapid-prototyping tools such as Matlab or Excel is one of the important ways we debug code.