

TC101 (C++ TC1017 edition)
Quiz#1

Remember that this will not be graded but you should keep this sheet and your solutions as evidence of work. Email your answers to Ken today (so we keep a record of your code today but feel free to submit later... kenbauer@itesm.mx) and also I recommend you post your code on Github and/or your blog as another blog post for this quiz.

Use your own computer to write the code. Remember that I trust you and you need to do this honestly to give yourself a good “measure” of your ability to this point. Also, all your files are programs and has a proper main to run.

1. Create a file called prog1.cpp
Write a program that asks the user for two values (radius, height) of type **float** and prints the volume ($V = \pi r^2 * h$) of a cylinder with that radius/height as a **float**
2. Create a file called prog2.cpp
Ask the user for two **integer** numbers, then use those two numbers to calculate and print the following:
 - * **the product (multiplication) of the two numbers**
 - * **the INTEGER division of the two numbers**
 - * **the remainder from division of the two numbers**
3. The same as #2 but use **float** numbers instead and name it prog3.cpp. There will be no remainder, so show the result of addition, subtraction, multiplication and division.