TC101 (Python TC1014 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) 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.

1. Create a file called prog1.py
   Write a program that asks the user for two values (radius, height) of type **float** and returns the volume (V = ¶ r^2 * h) of a cylinder with that radius/height as a **float**

2. Create a file called prog2.py
   Ask the user for two integer numbers, then use those two numbers to calculate and show the following:
   * the product 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. There will be no remainder, so show the result of addition, subtraction, multiplication and division.