Mug Class Lab

You only have a few simple things to do this lab. If You look at mug.cpp, our implementation file, there are three functions that have not been correctly implemented yet: The constructor when a person passes in a double for the initial fill amount, mug::mug(double initialFill), The mug::fillMug, wherein a person can fill our mug to a certain amount, and finally the mug::empty() which empties out our mug. All your implementations should use our private variable amountFilled (see mug.h. All the implementations should all be no more than 1-2 lines long, look at the other function implementations as a guide).

When you are done with that remember you have to compile BOTH the .cxx and the .cpp files. Here is the compiler command I used on the command line.

g++ -Wall mug.cpp mugTest.cxx -o mugTest
(I run it on my mac with: ./mugTest)

If you've implemented it correctly, your output should look as follows:

I have two mugs. My first mug is filled to: 0. And my second mug is filled to: 15
Now let's empty our second mug
the second mug is empty right now
now let's fill up the second mug to 32.33
Now the second mug is filled to: 32.33
Now Let's try to pass in a negative fill amount
Assertion failed: (fillAmount>=0), function fillMug, file mug.cpp, line 23.