In Friday's Workshop we discussed Assignment 1 and what to submit.  For the benefit of those who did not attend, students are required to submit the code file (.cs) for the program and a PDF of the testing you preformed.  For your convenience  I have created a template that you are to use when submitting your testing documentation.  The template (created with MS Word and located in the Assignment folder) contains tables to be completed and submitting as your testing documentation.  For each test, you are required to provide a description (what is the purpose of this test), the input (what values you are testing), the expected output (what the final result should be), and the actual output (which could be a screen shot or a cut/paste of the entire output window).  For example, on Assignment 1, I would have a tests such as this:

Description: testing when the number of donuts is between 0 and 7

Input: Hurley, 6

Expected Output: Cost should be $7.06

Actual Output: Enter your name => Hurley  
                           Enter the number of donuts you wish to purchase (+ve) => 6  
                           Hurley purchased 6 donuts at a cost of $7.06  
  
or

Description: testing when the number of donuts is less than 0

Input: Hurley, -4

Expected Output: appropriate error message

Actual Output: Enter your name => Hurley  
 Enter the number of donuts you wish to purchase (+ve) => -4   
 \*\*\*Error - number of donuts must be a positive number

You are to do this for as many tests that are required to prove your program works for all cases. For Assignment 1, that would be all the various ranges of number of donuts: < 0, between 0 and 7, between 8 and 11, between 8 and 15, and > 15. You can create as many many testing tables as you need in the testing documentation template. Once completed, you are to submit a PDF of this testing file. If you have any questions, please contact me.  
  
Richard

const double surcharge=0.25

If no of donuts<0

error

else If no of donuts>=0 <7

cost per donut $1 ;

else if >=7 <=15

cost per donut=$0.90

else

cost per donut=$0.35

const double tax=$1.13

if no of donuts>=0 <12

cost = (cost per donut\*no of donut + surcharge)\*tax

else

cost = cost per donut\*no of donut + surcharge

surcharge=service charge