Individual Activity - Enhance Double Calculator with Error Terms

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Activity Kind

Individual activity

Purpose

The purpose of this activity is to begin the process of producing a high-quality calculator as required for the submission this coming Friday.

Pre-requisite

Students must have participated in:

- Small Group Activity - Handling operands with and without error terms
- Small Group Activity - How to "round" error terms to a single digit

Tasking

It is time to integrate everything you have been doing for the last week or so into the Double Calculator that you submitted last week as you address the new requirement for this week's submission.

Based on the pre-requisite activities, you should have a good idea about how to go about enhancing the Week 2 Calculator, so make a copy of that submission, rename it as required by your mentors, and being the process of implementing this version following the test-driven approach and the insights you have gained.

As always, at each step, take notes about what you are doing and what results you have attained. If at any point you are surprised by what you see, that is a strong indication that you should capture what happened, what you expected to see, what you actually saw, and then begin the process of figuring out why your intuition and reality did not line-up.

Be sure to update the internal documentation (the comments) in a manner consistent with the comments from the baseline and make sure the code is structured and indented just like it was in the baseline. Your goal is to convince people that the work is from the same professional.

As you start this tasking (which will extend beyond what you can do in this single time slot) keep looking at the rubric / Peer Review form and convince yourself that you are indeed doing everything you have been asked to do. (Make sure evidence of this activity is also in your ENB.)

Deliverable

Capture notes from this activity, in your ENB, as evidence that you actually did the work.

Submission

Each student must produce and submit an ENB for this day's work.