Intro

* Do peer reviews online
* I’ll give 15 minutes at the end of class to help with lab work/reviews. Ask students who don’t need help to stay and help others
* Reminder about online videos that go with the tutorials

Processing Data (Gaddis Ch. 3.1 – 3.5)

* Input: TextBox controls
  + The “I” in I/O
  + Retrieving input. ***Example***: Get and display a name
  + Clearing input (set .Text to an empty string)
* Variables
  + A named memory location. ***Example*** store first and last names in variables
  + Names are identifiers, same rules as before
  + Data types: Types must match in assignment
  + Must be declared before using
  + Hold just one value
  + Should, must be initialized
* String types
  + It’s text, a string of characters
  + Literals vs. variables. ***Example***: Add an “about” button and message box.
  + Use double quotes, not single quotes
  + Concatenation using + (not addition). ***Example***: FirstName + LastName
  + Assigning, appending, clearing
* Numeric data types
  + Reason for a strongly typed language. ***Example***: Multiplication program
  + Difference between 5, “5”, and ‘5’
  + casting
* Math operators
  + The four math operators and modulus
  + Assignment, comment on the direction it works.
  + Order of operations

Conclusion

* Review assignments and due dates