Intro

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

Review (Gaddis 3.1)

* Input: TextBox controls
* Variables: definition, one value, typed, camelCase,

Scope (from Gaddis 3.1)

* Show it in the handlers: ***Example***: global variables vs. local variables
* A variable’s life is the time it takes to execute the block where it is declared
* A variable in one handler isn’t visible in another.
* A value assigned during one event isn’t there for the next event.

***Do Checkpoints 3.5 – 3.13 on page 132 – 133***

More Review

* String types: double quotes, concatenation with +
* Char: single quotes
* Numeric data types: int, float, double, decimal. 5 vs. ‘5’, vs. “5”

***Do Checkpoints 3.14 – 3.17 on page 138***

* Math operators: + - / \* %. Direction of assignment. Order of operations

***Do checkpoints 3.18 – 3.24 on page 143***

* Convert data type: int.Parse, toString()

***Do checkpoints 3.25 – 3.29 on page 151***

Numeric Formatting with ToString (Gaddis 3.6)

* Format strings (can be upper or lower case):
  + N – numeric
  + F – fixed-point scientific
  + E – exponential
  + C – currency
  + P – percent
* Precision: add a number after the format string – ToString(“N2”) // two decimal places.  
  Values are rounded, not truncated.
* Leading zeros for integers: use format string D – ToString(“D3”) // 005

***Do checkpoints 3.30 – 3.34 on page 143***

Conclusion

* Programming problems, look at due dates
  + Group A: 2, 4, 6
  + Group B: 1, 3, 5
* Next week: Gaddis 3.7 – 3.11