Intro

* Ask if there are questions about lab 3
* Do lab 3 peer reviews online, due tonight
  + Reminder that drafts don’t have to be perfect, just complete
  + I’ll give 15 minutes at the end of class to help with lab work/reviews
* Reading Quiz 3B is review for extra credit. Closes before class on Thursday.
* Look at the location of files in the project
* Make a reusable demo project

Review

Use the reusable demo project to make an app to convert integers to hexadecimal. Hint: ToString(“X”) displays in hexadecimal format.

Problem Solving

* IPO charts
* Make an app to calculate MPG and Dollar Per Gallon

Processing Data (Gaddis 3.7, 3.10 - 3.11)

* Math class (Gaddis 3.10)
  + Use Pow for calculating area, Use PI (does it exist?)
* Exception handling (Gaddis 3.7)
  + try { statements } catch { statements }
  + Show where the program stops and jumps to the catch block
  + In the catch block you can:
    - Display your own message in a MessageBox
    - Display ex.Message in a MessageBox
* Focus and Tab order (Gaddis 3.11)
  + Concept of focus
  + Controls have a TabIndex property
  + View, Tab Order, shows tab order selection mode
  + ------------ we only got this far ---------------
  + controlName.Focus() method can be used in code-behind
  + Keyboard Access keys assigned in the Text property: E&Exit specifies Alt-E
  + Accept and Cancel buttons: Automatically accessed by Enter and Esc.  
    These are Form properties. You specify the buttons in this property.
* Misc (Gaddis 3.11)
  + BackColor, ForeColor, BackgroundImage, GroupBox
* In-class exercise: Programming Problem 7