Tonight

Chapter 8

SplashScreen

About

Lesson Plan: COP 1000

# Class 1

1. Principles of Computer Programming – COP 1000
2. Introductions
3. What is Visual Studio?
4. Programming languages and why VB.
5. Class website: <http://cop1000.com>
   1. This is the class, schedule, location, instructor, textbook, and a lot of other stuff.
   2. Announcements
   3. How to… > Submit your projects
   4. Links & Downloads > Links
      1. Icon library and MrIcons.com
      2. Hungarian notation
      3. Inflation rates
      4. How do I… Videos for VB
      5. Web Projects
   5. Salaries
   6. Syllabus – **Go over the Syllabus**

# Class 2

1. Class website: <http://cop1000.com>
   1. Videos
      1. On our website
      2. From the author
   2. Sayings, clocks, and “It always takes longer than you think.”
   3. Icons library
   4. MrIcons.com
2. Textbook: Starting Out With Visual Basic 2012
   1. Author’s websites
      1. <http://MyProgrammingLab.com>
      2. <http://www.pearsonhighered.com/gaddisvb/>
   2. Authors files and videos
   3. Flashcards
   4. Printed vs eBook
3. Sakai
   1. How and where to submit
   2. Ask questions in the Forum
4. Bloom’s Taxonomy
   1. Knowledge
   2. Comprehension
   3. Application
   4. Analysis
   5. Synthesis
   6. Evaluation
5. Program: I = P x R x T
   1. Pseudo code
   2. Sketch
   3. Layout the form
   4. Set the properties
   5. Write the code
   6. Zip
   7. Submit
6. IDE
   1. Moving panes
   2. Turning panes off and on
   3. Adding toolbars and icons
7. Picture Box
   1. Including
   2. Sizing
   3. Visibility
8. Program: Celsius to Fahrenheit
   1. <http://www.mathsisfun.com/temperature-conversion.html>
   2. A – E from above
   3. Project creep – Trackbar
   4. Changing text colors
   5. Changing images
   6. Zip
   7. Submit

Introductions

# Name

# Where you’re from originally?

# Major

# Programming experience

# Computer experience

# Favorite restaurant

# One thing…

# Class 2

## Bloom’s Taxonomy

Evaluation Creating  
Synthesis Evaluating  
Analysis Analyzing  
Application Applying  
Comprehension Understanding  
Knowledge Remembering

## Forms Template

## Multiple forms

## Money

Don’t invest in precious metals. They’re not that precious.  
Real estate is not a good investment.

# Class 4

### Petroutsos Calculator

# Class 7

### Money

1. Life insurance - term
2. Never buy gold or silver
3. What’s the one thing we know about the stock market? The stock market always comes back and continues to grow.
4. Politics – capital gains tax
5. Loss harvesting
6. 9.6%
7. Refinanced house

Methods: Functions and Subs

The parameter list Dims (types) the variables received from the calling statement so they can be used within the function.

<http://www.tutorialspoint.com/vb.net/index.htm>   
<http://www.tutorialspoint.com/vb.net/vb.net_functions.htm>

VB PowerPack  
<http://ntcoder.com/bab/2013/12/20/visualbasic-powerpack-missing-from-visual-studio-2013/>  
<http://go.microsoft.com/fwlink/?LinkID=145727&clcid=0x804>

<http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&ved=0CCUQFjAB&url=http%3A%2F%2Fgo.microsoft.com%2Ffwlink%2F%3FLinkID%3D145727%26clcid%3D0x804&ei=Pt2SVb_FCYjqtQWKvLO4Cg&usg=AFQjCNFkY8-LHuMnfPo7L0Kv_Sxnat0lGQ>

Templates

Regions

# Class 9

Presentation: Ms. Edwards.

Topics encountered in Colorado:  
 Security positions are unlimited.  
 Americans program for several other countries.  
 Science on a sphere: programming projects are endless.

## Assignment 7:5

SplashScreen timers

Protected Overrides Function OnInitialize(

ByVal commandLineArgs As System.Collections.

ObjectModel.ReadOnlyCollection(Of String)

) As Boolean

' Set the display time to 5000 milliseconds (5 seconds).

Me.MinimumSplashScreenDisplayTime = 5000

Return MyBase.OnInitialize(commandLineArgs)

End Function

### OR

Private Sub frmShadedesigner\_Load() Handles MyBase.Load

    Threading.Thread.Sleep(5000)

End Sub

Show Mr. Lucas’ project.

Show authors’ solution.

## Chapter 8 & 11