

Join expert Jim Fagundes as he teaches you how to create software applications using Visual Basic 6.0. This comprehensive training series provides instruction on the fundamentals of application development, and will be your first step toward mastering Visual Basic 6.0.

Prerequisites: Previous programming experience helpful.

Session 1

Section A: Introduction

- What to do with VB?
- Using VB Skills
- What to Learn?
- Visual Studio
- Visual Basic-Flavors
- Installation Issues
- Event Driven Programming

Section B: VB Design Environment

- Integrated Design Environment
- MDI vs. SDI
- Getting Started
- Adding a Project
- What is a Project?
- What is a Form?

Section C: Standard Controls & Common Properties

- What is a Property?
- Standard Properties
- Standard Controls
- Placing Controls on a Form

Section D: Text Box

- Text Box Properties
- Text Box Events
- Methods
- Creating Text Boxes

Section E: Variables & Constraints

- Basics
- Types of Variables
- Variable Names
- Variable Creation

Section F: String Manipulations

- Types of String Manipulations
- Examples
- Concentration

Section G: Conditional Statements

- What are Conditional Statements?
- If-Then-Else
- Case Statement
- Creating Conditions

Section H: Project Example 1

- Putting it all Together
- Creating Controls
- Adding Code & Testing

Session 2

Section A: Creating a Loop

- Types of Loops
- Do...Loop
- For...Next

Section B: Arrays

- Types of Arrays
- 10 Element-Arrays

Section C: Additional Controls

- Other Tools
- Frames & Option Buttons
- Check Boxes
- Scroll Bars

Section D: Project Example 2

- Updating Hangman Project
- Updating Code

Section E: Procedures & Functions

- Creating Procedures
- Sub Routines
- Creating Functions

Section F: Variable & Procedure Scope

- Declaring a Variable
- Procedure & Function Scope

Section G: Debugging

- Tips for Debugging

Section H: Project Example 3

- Updating Code

Session 3

Section A: Graphics Techniques

- Picture Control
- Image Control
- Shape Control
- Zorder Method
- Creating Graphics

Section B: Additional Controls

- List Box & Combo Box
- Timer
- Common Dialog
- Programming These Controls

Section C: File I/O

- Working with Files
- Retrieving Data
- Freefile Function
- Open Statement/Input Statement
- Print Statement
- File I/O Examples

Section D: Calling Functions from *.DLL

- What is *.DLL?
- Declare Statement
- Storing Variables
- Calling in VB

Section E: Database Access

- Data Control
- Bound Controls
- Additional Data Control Properties
- Creating a Database Access Application

Section F: Using Menus

- Menu Editor
- Form Pop-up Menu
- Adding Menus
- Adding a Pop-up Menu

Section G: Field Validation

- Form Based Processing
- What Not to Do...
- Good Practice
- Field Validation in VB

Section H: Project Example 4
· Using What You've Learned