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Getting Started

- Introduction to Programming in Access
- Why Program in Access
- Understanding the Development Environment
- Using Visual Basic Help

Working with Procedures and Functions

- Understanding Modules
- Creating a Standard Module
- Understanding Procedures
- Creating a Sub Procedure
- Calling Procedures
- Using the Immediate Window to Call Procedures
- Creating a Function Procedure
- Naming Procedures
- Organizing Code and Procedures
- Working with the Code Editor

Understanding Objects

- Understanding Classes and Objects
- Navigating the Access Object Hierarchy
- Understanding Collections
- Using the Object Browser
- Working with the Application Object
- Understanding the Form Object
- Working with Properties
- Using the With Statement
- Working with Methods
- Understanding the DoCmd Object
- Working with Events
- Understanding the Order of Events

Using Expressions, Variables, and Intrinsic Functions

- Using the Stamp Tool to Clone Shapes
- Understanding Expressions and Statements
- Declaring Variables
- Understanding Data Types
- Working with Variable Scope
- Working with Variable Lifetime
- Considering Variable Scope/Lifetime Together
- Using Intrinsic Functions
- Understanding Constants
- Using Intrinsic Constants
- Using Message Boxes
- Using Input Boxes

Controlling Program Execution

- Understanding Control-of-Flow
- Working with Boolean Expressions
- Using the If…End If Decision Structures
- Using the Select Case…End Select Structure
- Using the For… To…Next Structure
- Using the For Each…Next Structure
- Using the Do…Loop Structure
- Guidelines for use of Branching Services

Working with Recordsets

- Declaring and Creating Object Variables
- Working with the DAO Recordset Object

Debugging Code

- Understanding Errors
- Using the Debugging Tools
- Setting Breakpoints
- Setting Break Expressions
- Using Break Mode during Run Mode
- Stepping through Code
- Determining the Value of Expressions

Handling Errors

- Understanding Error Handling
- Understanding VBA's Error Tracking Options
- Trapping Errors with the On Error Statement
- Understanding the Err Object
- Writing an Error-Handling Routine
- Working with Inline Error Handling