# Programming Applications of Access 2010: Level 3

## Introduction

- Working With the Forms and AllForms Collections
- Working with the Controls Collection
  - The Three Methods of Referring to a Specific Control on a Form
  - Determining the Type of Control
  - A Function to Highlight Controls on a Form
  - A Function to Reverse the Control Highlighting
- Exercise 1
- Record Changes Using Recordsets
  - Modifying Records within a Recordset (frmUpdateZips)
  - Running an Action Query Using Code–A More Efficient Method
  - Modifying Records Using the SQL Update Statement
  - Find Method versus the Seek Method
  - Deleting the Records Using Code (frmUpdateZips)
- ADO Object Models: ADODB, ADOX
  - Components of the ADODB Object Model
  - Components of the ADOX Object Model
- Creating Objects and Deleting Tables
  - Creating Tables Using ADOX
  - Determining the Existence of a Table using ADOX
  - Creating a Temporary Table using ADOX
  - Creating the Main Calling Subroutine (CreateTempObjects)
  - Creating Relationships Using VBA
  - Calling the CreateRelationship Subprocedure
  - Deleting Tables Using ADOX
  - Calling the DelTempTable Subprocedure
- Exercise 2
- Using Variable Arrays
  - Fixed Variable Arrays
  - Dynamic Arrays
  - Working with Multiple Recordsets
- Exercise 3
- Automation: Interoperability with Other Microsoft Applications
  - Automation: Getting Started
  - Automation: Working With Excel

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