



# Excel VBA Class Outline

## What Is VBA

### Macros

- Recording
- Benefits
- Weaknesses

### VB Editor And Debugging

- Show Developer Tab
- VB Editor Panels and Options
- Debug
- Step
- Immediate Window
- Watch Window

### Variables

- Declare Variables
- Data Types
- Scope
- Object Variables
- For Each Loops

### VBA To Navigate

- Ranges
  - Variable Concatenation and Substitution
  - Value
  - Address
  - Row / Column
  - End
  - Select All
  - Range + End
  - CurrentRegion
  - Autofill
  - Named Ranges
  - Navigate
  - Create
- Cells
  - Variable Concatenation and Substitution
  - Activecell
  - Value
  - Address

### Sheets

- Variable Concatenation and Substitution
- Activsheet
- Name
- Add
- Position / Count
- Visible
- Workbooks
  - File Names
  - File Paths
  - Strategies
  - In a cell
  - Prompt user
  - File System and Directories

### Program Flow Control

- Loop
- Variable Substitution
- Decision

### Error Handling

- On Error
- Metadata
- Write To External Text File

### Speed It Up

#### Functions

- Intrinsic
- Msgbox
- Inputbox
- Dialogs
- Logical
- Not Intrinsic
- As Text
- With .Address
- User Defined
- Data Type Conversion

### Workbook Events

- Thisworkbook
- Sheets

## Do Loops

- Validation on Inputbox
- Reconciliation

## Put It All Together

## VBA Resources

### Appendices

- Passwords
- Digital Signatures
- Keyboard Shortcuts
- Key VBA Words
- Save As An Add In

## Index