

**Chapter 1: Introduction**

You will learn:

- The purpose of scripts.
- Batch commands.
- .BAT versus .CMD extension.
- Editing a script.
- start command.
- Accessing help.
- Setting echo off.
- Variables - setting, expanding, and clearing.

**Chapter 2: DOS / Windows XP Commands**

You will learn:

- PIPES and FILTERS.
- FILTER commands.
- Redirecting output to a file.
- Input redirection.
- Pipe operator - (|).
- Find command.
- Sort command.
- Command redirection operators.
- Handles.
- Redirecting command input (<) and command output (>).
- Appending files.
- Redirecting to the bit bucket.
- path command.
- xcopy command.
- call command.
- set command.
- Integer arithmetic.
- Prompting for user input.
- Conditional execution.
- ATTRIB command.

**Chapter 3: Batch Commands**

You will learn:

- Proper commenting techniques.
- echo command.
- setlocal and endlocal commands.
- How to initialize a batch file.
- Using EnableDelayedExpansion.
- Overloading a variable.
- endlocal.
- for Statement.
- for Switches.
- Iteration using /a through a list.
- Looping through a series of values.
- Creating code for managing directories.
- Recursing through sub-directories.
- Command grouping.
- for variable substitution.
- How to use labels.
- goto statement and command extensions.
- if command.
- if parameters.
- Comparison operators.

**Chapter 4: Processing Techniques**

You will learn:

- Techniques for debugging.
- How to debug variables.
- How to debug code.
- Testing if exist and if not exist.
- Using wildcards in if exist.