

Chapter 1: UNIX Concepts
You will learn: <ul style="list-style-type: none">• The UNIX process and its associated context.• The function and usage of virtual memory.• Features of the kernel and how UNIX use the kernel.• UNIX I/O and devices.
Chapter 2: File Commands
You will learn: <ul style="list-style-type: none">• Purpose and function of file commands.• Interrelated usage of commands.
Chapter 3: Perl Fundamentals
You will learn: <ul style="list-style-type: none">• How to use Perl for coding scripts.• Execute and test Perl scripts.• Syntax and rules of Perl statements.• Variables and operators.• Initialize and traverse arrays.• Coding Perl statements.• Creating and storing associative arrays.• Performing pattern matching.• Coding subroutines and passing data.
Chapter 4: Perl Reference
You will learn: <ul style="list-style-type: none">• Coding and testing regular expressions.• How to use conversion functions.• Perform string and structure manipulation.• Coding I/O routines.• Extract information about files.• Use the Perl interactive debugger.

Chapter 5: sed

You will learn:

- Text processing with sed.
- How to use regular expressions in sed.
- Finding and replacing characters.
- The logic in sed.
- How to insert lines into a file.

Chapter 6: awk Programming

You will learn:

- Features of awk.
- How to code the rules and syntax of awk.
- Storing awk scripts in external files.
- Utilize the command line with awk.
- Coding and testing awk scripts.
- Patterns and procedures.
- Built in variables and special array processing and formatting output reports.