

Chapter 1: Introduction

You will learn:

- Different types of file access available to the programmer.
- How to define fields in a program.
- The flow of the data thru the logic and reporting sections.
- The temporary work file facilities available in CA-Easytrieve.
- Virtual File Manager.
- Debugging capabilities.

Chapter 2: System Overview

You will learn:

- Structure of a program.
- Easytrieve Plus job processing logic.
- Easytrieve Plus syntax rules.
- How to use listing commands.

Chapter 3: Basic Programming

You will learn:

- FILE statement.
- DEFINE statement.
- Coding data types.
- Adding logic to the JOB activity.
- JOB INPUT filename.
- SORT procedures.
- Working storage - types.
- LINE statement.
- System defined fields.

Chapter 4: Printing Reports

You will learn:

- PRINT statement.
- Display fields with EDIT masks.
- Changing and specifying field headings.
- REPORT statement and report definition statements.
- Sorting reports with the SEQUENCE statement.
- Specifying break information with the CONTROL statement.
- Totaling fields with the SUM statement.

Chapter 5: Macros, Defines, and Masks

You will learn:

- Function and purpose of masks.
- DEFINE statement and specifying masks.
- Coding the HEADING parameter.
- Coding the MASK parameter.
- Defining Edit Masks.

Chapter 6: Processing and Logic

You will learn:

- JOB statement.
- IF and special IF statements.
- Arithmetic operators.
- Combining conditional expressions.
- Precedence and order of operation.
- ASSIGNMENT statement.
- INTEGER and ROUNDED options.
- MOVE Statement and MOVE LIKE statements.
- PERFORM Statement.
- DO WHILE / END-DO statements.
- GOTO statement.
- STOP statement.
- SORT statement and sort procedures.
- User procedures - PROCs and PERFORM statement.
- Using and managing tables.
- Creation and use of table files.
- SEARCH statement and accessing table files.
- Testing for a match.
- Arrays - single and multiple dimensions.

Chapter 7: Reports

You will learn:

- Specification of line statement and group.
- Spacing control parameters for reports.
- Coding control field values in titles.
- Testing aid parameters for reports.
- Report detail and summary control.
- Report summary control.
- Printing multiple reports to single and multiple printers.
- Coding report procedures - PROCS.

Chapter 8: Input/Output

You will learn:

- Managing sequential and VSAM datasets.
- Coding for sequential file processing.
- Formatting DISPLAY statements.
- GET and PUT statements.
- POINT, READ, and WRITE statements.
- Loading into VSAM file.

Chapter 9: File Processing

You will learn:

- File loading.
- Synchronized file processing.
- File presence condition.
- Compile and link JCL for Easytrieve.
- Processing PARM input.