

IBM COBOL

MVS & VM Coding Fundamentals

FA-0243 · 1-day

Mainframe & Enterprise Systems

Introduction

The 1-day course, "IBM COBOL for MVS & VM Coding Fundamentals," is designed to provide participants with additional skills in COBOL programming for Mainframe Virtual Storage (MVS) and Virtual Machine (VM) environments.

Learning outcomes

Upon successful completion of this course, participants will be able to:

- Implement file handling, data transfer, and PERFORM statements in COBOL programs.
- Identify compiler outputs and options for optimal program performance.

Prerequisites

1. Strong understanding of COBOL programming
2. Ability to set up VM for COBOL
3. Experience in writing COBOL code
4. Comprehension of algorithms

Training outline

1. PERFORM Statements in COBOL

- Types of PERFORM statements
- Nested and inline PERFORMs

- Implementing loops and conditional execution

2. Compiler Outputs and Options

- Understanding compiler outputs
- Interpreting error messages
- Utilizing compiler options for optimal performance

3. Advanced COBOL Coding Techniques

- Working with tables and arrays
- Implementing subprograms and functions
- Utilizing SORT and SEARCH operations

4. Exercise: Developing a more complex COBOL program

5. Best Practices and Debugging Techniques

6. COBOL programming best practices

7. Debugging and troubleshooting COBOL programs

8. Course Review and Q&A