Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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COBOL Programming Part 1

CODE:	LENGTH:	PRICE:
CBL_AP15	40 Hours (5 dage)	kr 30,750.00

Description

Objectives

Each delegate will acquire a working knowledge of COBOL and will gain a solid foundation in the fundamentals of COBOL coding including program structure, design, execution and debugging. The concepts of structured programming are introduced with examples and explanation. Good programming practice is encouraged throughout. The course starts with the basics and furthers learning with hands on assignments until delegates are capable of complex programming logic and design.

Audience

Application Programmers with little or no previous experience in COBOL who require formal training in the basic language features and programming techniques.

Prerequisites

An understanding of computer concepts is assumed. A working knowledge of ISPF Edit, if z/OS TSO/ISPF is the entry vehicle for programmers.

Programme

Duration: 5 days / Hands on.
Introduction

- **Divisions of a COBOL program.**
- **COBOL character set.**
- **Words.**
- **Constants.**
- **Rules for continuation.**
- **Punctuation rules.**
- **COBOL coding format.**
- **Format notation.**

Identification Division

- Environment division.
- Configuration section.
- Input-Output section.

Data Division (pt. 1)

- File description.
- Data description.
- Level number.
- Data-name / FILLER clause.
- REDEFINES clause.
- BLANK WHEN ZERO clause.
- PICTURE clause.
- Data types (Alphabetic, Alphanumeric and Numeric).

Procedure Division (pt. 1)

- OPEN statement.
- CLOSE statement.
- READ statement.
- WRITE statement (disks, cartridges and tapes).
- MOVE statement.

Program Control

- GO TO statement.
- PERFORM statement.
- PERFORM with TIMES.
- PERFORM with UNTIL.
- EXIT statement.
- STOP statement.

Data Division (pt. 2)

- VALUE clause.
- SIGN IS clause.
- USAGE clause (DISPLAY, COMP, COMP-3).
- Data Types - Numeric.

Procedure Division (pt. 2)

- Conditional Expressions.
- Relation condition.
- Class condition.
- Sign condition.
- Condition - Name condition.
- Complex condition.
- Order of evaluation of conditional statements.
- IF statement.

Data Division (pt. 3)

- 88 levels.

Procedure Division (pt. 3)

- EVALUATE statement.
- SET statement.
- DISPLAY statement.
- ACCEPT statement.

Arithmetic Statements

- ADD statement.
- SUBTRACT statement.
- MULTIPLY statement.
- DIVIDE statement.
- COMPUTE statement.

Procedure Division (pt. 4)

- WRITE statement (printing).

Data Division (pt. 4)

- Edited Data.
- Alphanumeric Edited.
- Numeric Edited.
- Simple Insertion.
- Special Insertion.
- Fixed Insertion.

- Floating Insertion.
- Suppression and Replacement.

Workshops

- Workshops in this class are conducted in a hands on IBM z/OS environment.
- Delegates will code execute and debug a series of programs serving as an excellent example for future programming in COBOL.

Session Dates

På anmodning. Kontakt os venligst

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. Kontakt os for at finde ud af mere.