



Course Outline

System Admin.

DB2 Programming Workshop for Linux, UNIX and Windows

COURSE CODE	CL100PH
PRODUCT	DB2
RELEASE	9
DELIVERY METHOD	Instructor led
DURATION	3 days
FEE	PhP 111,690.00 plus VAT

SUMMARY DESCRIPTION

This course enables you to acquire the skills necessary to produce application programs that manipulate DB2 databases. Emphasis is on embedding Structured Query Language (SQL) statements and preparing programs for execution.

TOPICS

- Database Monitoring
- Database Input/Output (I/O) Management
- Tablespace and Table Design for Performance
- DB2 memory management
- Automated Memory Management
- Application Performance Considerations
- Using Explain Tools
- The DB2 Optimizer
- Using Indexes for Performance
- Complex SQL Performance
- Tools and Utilities for Performance
- Event Monitoring

For Inquiries, Contact Us:

☎ (632) 637-1925 to 26
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AUDIENCE

This basic course is for application programmers who need to write embedded SQL programs in COBOL or PL/I (on z/OS) or in C language (on Linux, UNIX, and Windows).

PREREQUISITE

You should have experience with one of the supported programming languages:


- COBOL or PL/I for z/OS or
- C language for Linux, UNIX, and Windows.


You are also expected to already be able to construct and use SQL statements.


SKILLS TAUGHT

- Incorporate static SQL statements in an application program
- Prepare the program for execution
- Validate execution results are correct
- Produce code to support multiple rows being returned from the database manager using cursors
- Identify considerations regarding units of work concurrency, and restart of programs
- Identify differences between static and dynamic SQL
- Provide test data for applications
- Discuss program and DB2 options relative to performance of static SQL

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