



WILLPOWER

Technologies

AS/400

GENERAL AS/400 CONCEPTS

1. General AS/400 Concepts

- Overview of the system.
- General awareness of the AS/400 system
- Libraries, files and members
- Library list concept and related commands.
- Command structure and frequently used commands.

2. ADTS (Application Development Tool Set)

- PDM (Program Development Manager)
- SEU (Source Entry Utility)
- SDA (Screen Design Aid)
- RLU (Report Layout Utility)
- DFU (Data File Utility)
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3. Query/400

Creation, Executing, accessing data from different member

DB2/400

- Overview of concepts
- Externally described files.
- Source Physical Files.
- Physical files, logical files and join logical files
- Field Reference Files
- Relational databases and normalization
- Runtime considerations
- Database Integrity
- Database Security : data rights and locks
- Triggers

CONTROL LANGUAGE (CL/400)

- Capabilities of control language programs
- Control language program structure & syntax
- Features and limitations of control language programs
- Scope of control language programs
- Control language program coding rules
- File handling in CL/400
- Handling errors and messages
- Handling data areas
- Program flow control
- Program to program flow control
- Overriding file attributes and the scope of variables
- Open query file-concepts and use
- String Operators
- String Function

AS/400

RPG/400

- Introduction to RPG/400, explanation of all the 7 specifications.
- Operation Codes
- Subroutines
- Constructs in RPG IF, DO, SELRC etc.
- Program testing and debugging
- Indicators
- Tables and Arrays
- File access and record manipulation
- Control Breaks
- Fixed Logic Cycle
- Interactive Program
- Data Structures
- String Manipulation op-codes
- Inter-Program communication
- Data queue/data area
- Sub-files
- Load all sub-file
- Expanding sub-file
- Message Sub-file

RPG IV

- Introduction to RPG IV specifications in brief.
- Definition and procedure specifications in brief
- New and enhanced op-codes
- Built-in functions
- Date and Time Data Types
- Converting RPG III program to RPG IV program
- Procedure and sub-procedures

ILE CONCEPTS

- Introduction to ILE
- Program models & ILE
- Module object concept
- ILE Program concept
- Service program concept
- Creating the programs in ILE environment
- Binding concept
- Calls to programs and procedures
- Debugging and ILE program
- Activation groups concept
- Application of activation groups examples

OS/400 COMMANDS

- Introduction to Control Language
- Command Structure
- Types of Commands
- Major Command Groups
- Command Definition: how to create and run a command

SQL/400

- SQL command parameters-session attributes
- Function keys
- ISQL statement prompting

AS/400

- DDL: creating table, view and index
- DML: insert, delete, update, select

REAL TIME SCENARIOS

- FTP to other server
- Data migration to other databases like Oracle, SQL Server.
- Usage of all real-time tools.

- WE HAVE OWN SERVER

- **MATERIAL SOFT COPY&HARD COPY**
- **100% PLACEMENT ASSISTANCE**
- **RESUME PREPARATION,**
- **SOFT SKILLS&HR TIPS,**
- **Other courses Offering @ willpower Technologies**
- **SAP ALL MODULES,IBM-MAINFRAMES,.NET&SHAREPOINT-2010**
- **ORACLE SQL/PLSQL, D2K, ORACLE FINACIALS, ORACLE APPS TECH.**

This is the syllabus we are going to teach in our institute and the course Details are as follows:

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WILLPOWER TECHNOLOGIES

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