

SAP ABAP CONTENT

1. ABAP Data Dictionary

- Purpose
- Technical Requirement to create the table
- Data Dictionary Data Types
- Domain
- Data Element
- Types of Tables
- Steps to create the Table
- Foreign key Relationship
- Check Tables
- Structures & Table Types
- APPEND & Include Structure
- Indexes
- Types of Views
- Types of Search Help
- Lock Objects

2. Introduction to ABAP Programing

- ABAP Statements
- Statements & Key words
- ABAP Data Types
- Introduction to First ABAP Program

3. Control structures

- **BRANHING**
 - IF-ELSE/ELSEIF ENDIF
 - CASE-WHEN-ENDCASE
- **LOOPING**
 - Conditional (DO- ENDDO)

➤ **Un-conditional (WHILE-ENDWHILE)**

4. Strings Operations

5. Internal tables

- **Introduction & Purpose**
- **Declaring Internal Tables**
- **Read Data from Database into Itab**
- **Processing data from internal tables**
 - **Display data from Itab**
 - **Adding Records(Append/Insert)**
 - **Modify records from itab(Modify)**
 - **Reading data from Itab(Read)**
 - **Delete Records from ITAB>Delete)**
 - **Delete adjacent duplicate records**
 - **Types of Internal tables**
 - **Types of declaring internal tables**
 - **Declaring STANDARD Tables**

6. OPEN SQL

- **Accessing Database in R/3 system**
- **Standard SQL**
- **Database Interface**
- **Open SQL**
 - **Types of Command**
 - **DDL(Data definition language)**
 - **DML(Data Manipulation Language)**
 - A. Changing data(Insert, Update, Modify, Delete)**
 - B. Reading data**
 - i. **Select**
 - ii. **Select single Vs UP TO 1 ROWS**
 - iii. **INNER JOIN**

iv. OUTER JOIN

v. FOR ALL ENTRIES

▪ **DCL (Data Control language)**

A. Commit Work

B. Rollback work

7. ABAP Debugging

- Purpose
- Features
- Starting the Debugger
- Break points, Types and Setting Break Points
- Display Modes in Debugging
- Watch points
- Execution Types in Debugging Mode

8. Reports

- Introduction
- Classic Report
- Interactive Report
- ALV Reports

9. Modularizing Techniques

- Introduction
- INCLUDE Programs
- Subroutines
- Function Modules

10. BDC Programming

- Introduction to BDC Programming
- Call Transaction Method
- Session Method

11. SAP SCRIPT

- 12. SAP SMARTFORMS**
- 13. MODULE Programming**
- 14. BAPI**
- 15. Enhancements**
- 16. OOP Concepts**

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