

SAP – ABAP COURSE CONTENT

- Introduction to ERP
- What is ERP?
- Why we need ERP?
- Advantages of ERP
- Major ERP Packages
- Introduction to SAP & R/3 Architecture
- What is SAP?
- History & Features of SAP
- SAP R/2 Architecture (Limitations of R/2 Architecture)
- SAP R/3 Architecture (Types of work processes)
- SAP R/3 Application Modules
- SAP Landscape
- Introduction to ABAP/4
- What is ABAP?
- Logon to SAP Environment
- Transaction Codes
- Multitasking Commands
- Comments
- Errors
- ABAP/4 Editor (SE38)
- Steps for Creating a Program
- Elements in R/3 Screen
- Out put Statements
- Operators in ABAP
- Data, Parameter & Constant Statements
- Data Types & Classification
- Data Objects & Classification
- Text Elements
- String Operations
- Control Statements
- Field strings

- ABAP Dictionary ABAP Dictionary Introduction Data Dictionary Functions

Data Dictionary Objects

- Data Base Tables
- Structures
- Views
- Data Elements
- Type Groups
- Domains
- Search helps
- Lock objects

Primary Key And Foreign Key

Table Maintenance Generator

- Packages
- Creating a package
- Difference between local objects & packages
- Transferring local objects to packages
- Variants
- Variants Introduction
- Creating variants in ABAP Editor & Data
- Dictionary
- Message Classes
- Message Class Introduction
- Message types
- Calling message class in Report & Dialog programs
- Selection Screens Selection screen Introduction
- Parameter Statement
- Select-options Statement
- Selection-screen Statement

Screen table and its fields

Dynamic screen modification by using Modif Id key

- Open SQL Statements
- Select
- Insert

- Modify
- Update
- Delete
- Internal Tables
- Internal Tables Introduction
- Declaring Internal Table
- Populating Internal Table
- Processing Internal Table
- Initializing Internal Tables
- Inner Joins And For All Entries
- Control Break Statements
- Debugging Techniques
- Debugging Techniques Introduction
- Break-points (Static & Dynamic)
- Watch points
- Dynamically changing internal tables contents in Debugging Editor
- Options to step through the program in Debugging Editor
- Modularization Techniques
- Modularization Techniques Introduction
- Includes
- Subroutines
- Passing Parameters to Subroutines
- Passing Tables to Subroutines
- Function Groups & Function Modules
- Reports
- Reports Introduction
- Classical Reports
- Interactive Reports
- Techniques Used For Interactive Reports
- Hotspot
- Hide
- Get Cursor
- ALV Reports

- ALV Reports Introduction
- ALV through Function Modules
- ALV Types
- Dialog / Module Pool
Programming/ Transactions
- MPP Introduction
- Relationship between Screen, Flow Logic and Program
- Flow Logic Events
- Process Before Output (PBO)
- Process After Input (PAI)
- Process On Value Request (POV)
- Process On Help Request (POH)
- Include Programs in MPP
- Include TOP
- Include I01
- Include O01
- Include F01
- Dynamic Screens
- Leave Screen
- Leave to Screen
- Call Screen
- Set Screen
- Processing of List from Transaction and Vice Versa
Elements in Screen Layout
- Table Controls
- Step Loops
- Tabstrip Controls
- Subscreens
- Batch Data Communication
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- BDC Introduction
- Recording
- BDC Methods

Call Transaction Method Session Method Handling Table Controls in BDC Legacy System Migration

Workbench Different Methods Flat file creation Uploading data File Handling Application Server Presentation

Server