

# Programming ABAP Reports

## Content

### Introduction to ABAP Reports

- Using Standard Reports
- Implementing a Simple List

### Selection Screens

- Implementing a Selection Screen
- Implementing Multiple Selection Screens
- Implementing Input Checks and Creating Variants
- Modifying the Selection Screen at Runtime

### SAP List Viewer (ALV) Creation

- Using ALV Functionality
- Preparing the Container Screen for an ALV Grid Control
- Displaying Data using an ALV Grid

### ALV Design

- Programming Layout Variant Functionality in the ALV Grid
- Changing the Layout of the ALV Grid
- Adapting the Appearance of the ALV Grid
- Adapting the ALV Grid Control using the Field Catalog

### ALV Events and Methods

- Handling Events of the ALV Grid Control
- Handling Additional Events of the ALV Grid
- Calling Additional Methods of the ALV Grid
- Implementing Context Menus for the ALV Grid

### Data Retrieval With Logical Databases

- Explaining the Functionality of Logical Databases
- Retrieving Data using Logical Databases
- Using Advanced Functionality of Logical Databases

### Data Retrieval Without Logical Databases

- Reading Data from Multiple Database Tables
- Implementing Aggregate Functions and Grouping in a SELECT Statement
- Implementing HAVING and ORDER BY Clauses in SELECT Statements

### The Call of Other Programs from ABAP Reports

- Calling Programs and Passing Data

## **Background Processing**

- Performing Background Processing

## **ALV Object Model (OM)**

- Displaying Data with the ALV Object Model
- Adapting the ALV Object Model Output
- Adapting the Properties of an ALV