Step-by-Step Learning Process for Introduction to Temenos Transact/T24 Core Banking and jBASE Programming

This comprehensive guide is structured into multiple modules, helping you develop a strong foundation in both **Temenos T24 Core Banking** and **jBASE Programming**. Through theoretical learning, practical projects, and assessments, you'll acquire hands-on skills necessary for working in a T24 environment.

Module 1: Introduction to Temenos Transact/T24

1. Introduction to Temenos Transact/T24 Core Banking

- **Objective:** Gain a foundational understanding of Temenos Transact/T24 and its role in the banking industry.
- **Content:** Overview of core banking systems, features of T24, and its importance in modern banking operations.

2. The T24 Journey

- **Objective:** Learn about the evolution and development of T24.
- **Content:** History of T24, major updates, and future roadmap.

3. Architectural Overview

- **Objective:** Understand the architecture of T24.
- **Content:** System components, infrastructure, integration points, and scalability considerations.

Module 2: Navigating T24

4. Browser / Classic Navigation

- **Objective:** Become proficient in navigating T24 interfaces.
- **Content:** Using controls, versions, enquiries, and menus in both Browser and Classic modes.

Module 3: Core Components and Data Management

5. Core Tables

- **Objective:** Understand essential T24 tables.
- **Content:** Detailed study of Category, Country, Dates, Sector, Industry, DAO tables, and their significance.

6. Customer Management

- **Objective:** Learn how customer data is handled in T24.
- **Content:** Creating and managing customer records, data fields, and regulatory compliance.

7. Accounts

- **Objective:** Differentiate between various account types.
- **Content:** Overview of Customer Accounts, Internal Accounts, Profit & Loss (PL) Accounts, and Contract Accounts.

Module 4: Introduction to jBASE Programming

8. An Introduction to Programming in jBASE

- **Objective:** Set up the development environment and learn basic jBASE commands.
- **Content:** Using JED and VSCode, command-line operations, debugging techniques, and compiling programs.

9. Your First Program

- **Objective:** Write and execute a basic jBASE program.
- **Content:** Step-by-step guide to creating a simple application.

Module 5: jBASE Programming Fundamentals

10. jBASE BASIC Programming Structure

- **Objective:** Understand the syntax and structure of jBASE BASIC.
- **Content:** Program flow, control structures, and best practices.

11. Key Features of jBASE

- **Objective:** Explore the unique features of jBASE.
- **Content:** Multi-value data handling, dynamic arrays, and compatibility aspects.

12. Variables and Data Types

- **Objective:** Learn about different data types and variable usage.
- **Content:** Declaring variables, scope, and data type operations.

13. Comments

- **Objective:** Understand the importance of code documentation.
- **Content:** Using comments effectively for maintainability.

14. Assignment and Comparison Operators

- **Objective:** Perform data assignments and comparisons.
- **Content:** Operator usage in expressions and conditional statements.

15. Arithmetic Operations

- **Objective:** Execute mathematical calculations.

- **Content:** Arithmetic operators, order of operations, and numerical functions.

16. Multi-Value Fields

- **Objective:** Handle multi-value data structures.
- **Content:** Creating, accessing, and manipulating multi-value fields.

17. Statements and Functions

- **Objective:** Utilize built-in statements and functions.
- **Content:** Commonly used functions, subroutines, and modular programming.

Module 6: Advanced jBASE Concepts

18. jBASE Filetypes (UD, J4, JR)

- **Objective:** Understand different file types in jBASE.
- **Content:** Characteristics of UD, J4, JR files, and when to use them.

19. T24 Record Lifecycle

- **Objective:** Learn how records are created, modified, and deleted.
- **Content:** Record states, transaction processing, and data integrity.

Module 7: Execution and Services

20. How to Execute Programs

- **Objective:** Run jBASE programs in various environments.
- **Content:** Executing via Version, Batch, Service, Mainline, and jSH prompt.

21. Services

- **Objective:** Understand T24 services and workload management.
- **Content:** Configuring TSA.SERVICE, TSA.WORKLOAD.PROFILE, TSM service, and using Agents.

Practical Application

- Hands-on Projects:
- Develop a customer information management program.
- Create a basic account processing application.
- Implement multi-value data handling in a sample program.

Exercises:

- Navigate through T24 menus to perform common tasks.
- Modify existing jBASE programs to enhance functionality.

Assessment and Review

- Quizzes: Short assessments at the end of each module to reinforce learning.
- Project Presentation: Showcase the programs developed during the practical application phase.
- Feedback Sessions: Discuss challenges faced and clarify doubts.

Additional Resources

- Documentation: Access to T24 and jBASE official manuals.
- Community Forums: Engage with other learners and professionals.
- Further Reading: Articles and case studies on advanced topics.

Conclusion

By following this learning process, you'll build a strong foundation in both Temenos T24 Core Banking and jBASE programming. You'll not only understand theoretical concepts but also apply them practically, preparing you for real-world scenarios.

Next Steps:

- Consider advanced courses on T24 customization and integration.
- Explore certification programs offered by Temenos for professional accreditation.

CREDITS:

Velocity softwares Bootcamp Career Class

Managing partner william Aluku