



Learning Guide Unit 7

Overview

Unit 7: Database Interaction and Connectivity

Topics:

- [Database Programming](#)
 - [Transactions](#)
 - [Embedded SQL](#)
 - [Static and Dynamic SQL](#)
 - [Database API's \(Application Programming Interfaces\)](#)
 - [ODBC \(Open Database Connectivity\)](#)
 - [JDBC \(Java Database Connectivity\)](#)
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Learning Objectives:

By the end of this Unit, you will be able to:

1. Identify SQL implementation methods in programming and define transactions in database contexts.
 2. Explain [embedded SQL](#) usage and use key interface technologies like [JDBC](#) and [ODBC](#).
 3. Differentiate between static and dynamic SQL and the usage of database [API's](#) for SQL implementation.
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Tasks:

- Read through the Learning Guide and the Reading Assignment.
 - [Complete](#) and submit the Programming Assignment.
 - Take and submit the Self-Quiz.
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