Learning Guide Unit 6

Overview

Unit 6: Advanced Structured Query Language (SQL) Queries and Data Integrity

Topics:

- Select statement
- SQL Join
- Nested Select
- Subquery
- Unions
- Data Integrity and Validity
- Entity and Referential Integrity
- Create view statement

Learning Objectives:

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

1. Apply SQL Select statement for database queries.
2. Apply SQL joins when conducting database queries ensuring the inclusion of integrity constraints encompassing both entity and referential integrity.
3. Create complex SQL statements incorporating nested select, subqueries, unions and construct database views.

Tasks:

- Read through the Learning Guide and the Reading Assignment.
- Complete the Discussion Assignment by posting in the Discussion Forum.
- Respond to two of your fellow classmates' posts in the Discussion Forum.
- Take and submit the Self-Quiz.
- Take and submit the Graded Quiz.