

Quiz 2

Week 03 - 04

Student Name: Chermalyn Lujanob

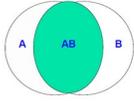
1. SQL Commands can be classified into 3 types: Name them including Acronym and define them. (3 Points)
 - a. **Data Definition Language (DDL)** - is a syntax for creating and modifying database objects such as tables, indices, and users. DDL statements are similar to a computer programming language for defining data structures, especially database schemas.
 - b. **Data Manipulation Language (DML)** - is a computer programming language used for adding (inserting), deleting, and modifying (updating) data in a database. A DML is often a sublanguage of a broader database language such as SQL, with the DML comprising some of the operators in the language.
 - c. **Data Control Language (DCL)** - is a syntax similar to a computer programming language used to control access to data stored in a database (authorization). It is a component of Structured Query Language (SQL). Data Control Language is one of the logical group in SQL Commands. SQL [1] is the standard language for relational database management systems.
2. Name the SQL Classification that defines the Physical Database (1 Point)
 - a. Data Definition Language (DDL)
3. Which key word is required in a SQL statement to restrict column values in the result table? (1 point)
 - a. From
 - b. Select
 - c. Where
4. Using three tables, design an ERD that presents a simple book collection where:
 - a. the book is listed in the main table including the author, the genre, and the publisher.
 - b. Genre independent to each other
 - c. Publisher independent to each other

NOTE: The book table is dependent on the other two tables.

Construct your diagram on the back of this paper. (3 points)

5. Name the two joins the Venn diagrams represent. (2 points)

Intersection



Union

