

Assumptions

We assume that we are able to do the following

- ➔ Able to create and grant privileges to a user.
- ➔ Able to set up a database.
- ➔ Able to import data from a source file.
- ➔ Comfortable with common constraints such as FOREIGN KEYS AND PRIMARY KEYS.
- ➔ You know how to normalize your data.

GENERAL SQL SYNTAX IMPLEMENTATIONS

We are expected to be equipped with skills on , but not limited to the following:

Database related commands

- ✓ See currently available databases in the server.
- ✓ Create a new database.
- ✓ Import sql commands from a an external source file.
- ✓ Delete database

Table related commands

- Show currently available table in your database.
- Create a new table.
- Describe columns of tables.
- Insert data into a table.
- Update a table.
- Delete contents fro a table.
- Delete a table.

Query Related Commands

- ➔ Select all data from the table.
- ➔ Select distinct data from a table in which columns have duplicate fields
- ➔ Including a condition in your data to be retrived:
- ➔ comparing the data.
- ➔ Using logical operations.
- ➔ Using expressions.
- ➔ Grouping data based on some aggrigate functions.
- ➔ Using HAVING clause in the cases where the WHERE clasue is ineffective.
- ➔ Sorting data from the result set.
- ➔ Select data that falls within aspecified range.
- ➔ Select data that satisfies a given search pattern.
- ➔ Using multiple values withing the WHERE clause.
- ➔ Combining data from to or more tables based on the common attributes within them.
- ➔ Creating views from SELECT clause.
- ➔ Obtaining cumulative results re;evant to the data being used. I.e using aggrigate functions.
- ➔ Using nested queries; I.e Queries within queries.

MOST IMPORTANT

We are expected to achieve the following as a team.

- Design and create a database schema.
- Design and create a ER Models.