

Lab Assignment 3 - SQL Foundations

Instructions

1. Answer the below question in the boxes.
2. Please submit the assignment through TalentLabs Learning System.

CRUD

1. Which 4 operations does C, R, U, D stand for?

- 1) C – Create
- 2) R – Read
- 3) U – Update
- 4) D - Delete

2. Which 5 SQL keywords that are related to CRUD operations.

- 1) CREATE
- 2) INSERT INTO
- 3) SELECT
- 4) UPDATE
- 5) DELETE

3. Consider a messaging app (e.g. Whatsapp). Which app functions can lead to CRUD operations? Suggest at least one app function for each CRUD operation.

- 1) C – Sending a new message in a chat
- 2) R – Viewing a chat message
- 3) U – Modifying a message
- 4) D - Delete a message from a chat

SQL Data Types

1. Imagine you are building a Whatsapp like app. Name two data fields and the corresponding SQL data types which would be used for storing records of chat messages.

- 1) Time, Data type – DATETIME
- 2) Message, Data type - TEXT

2. Name a data type that's not available in SQLite.

- BOOLEAN

3. For the data type that's not available in SQLite, what would we use as a replacement? And how?

- For the data type that's not available in SQLite, we use integer as a replacement. In SQLite, 0 means False and 1 means True

- End of Assignment -