

SQL Database for Beginners

Lab Exercise 2

Answer Key

- 1) Briefly describe the purpose of database querying.

Your answer should include:

- i. Database querying used to access the data kept in a relational database.
- ii. Database queries consolidate data in multiple tables.
- iii. Database queries are also used to manipulate data in the database, its structure, and to perform other administrative tasks.

- 2) What is the most important characteristic of SQL as opposed to other programming languages?

Answer: SQL is set-based, not procedural.

- 3) Name and briefly describe the two main domains of SQL statements.

Answer:

- i. Data manipulation language (DML) is used for selecting, inserting, updating, and deleting data held in the database tables.
- ii. Data definition language (DDL) allows for making changes to the database structure rather than the data held in it.

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