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.