Database Programming with SQL
1-2: Relational Database Technology
Practice Activities
Objectives
- Define and give an example of a relational database
- Identify table-key terms, including row, column, field, primary key, and foreign key
- Relate the importance of databases to everyday life

Vocabulary
Identify the vocabulary word for each definition below.

row	An entry in a table, consisting of values for each appropriate column.
primary key	The set of mandatory columns within a table that is used to enforce uniqueness of rows, and that is normally the most frequent means by which rows are accessed.
table	An arrangement of data in rows and columns.
forgeigner key	A column or set of columns that refers to a primary key in the same table or another table.
Relational Data Base	Collections of objects or relations, set of operators to act on those relations, and data integrity for accuracy and consistency
Field	Intersection of a row and column
Data Manipulation Language DML	Used to modify the table data by entering, changing, or removing rows
Data Definition Language DDL	Creates, changes, and removes data structures from the database
Transanction Control Language	Used to manage the changes made by DML statements
Data Control Language	Used to give or remove access rights to the database and the structures within it

Try It / Solve It

1. The Global Fast Foods database consists of how many tables? __9__ tables

2. How is the F_SHIFTS table related to the F_STAFFS table?

    Ambele Contin F_SHIFT_ASSIGNMENTS

3. What are the names of the columns in the F_CUSTOMERS table?

    ID,FIRSTNAME,LAST NAME,ADRESS,CITY,STATE,ZIP,PHONE NUMBER

4. How many rows of data have been entered in the F_PROMOTIONAL_MENUS table?

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5. In the F_FOOD_ITEMS table, column __5__ is a foreign-key column. What table and column is this key referencing?

    Promotional Menu

6. List the primary key to foreign key relationships required to go from the F_SHIFTS table to the F_REGULAR_MENUS table.

7. Which table(s) contains null values?

    Promotional_menu,Food_item,Order,Staff