What does SQL stand for?

a) Structured Query Language

b) Sequential Query Language

c) System Query Language

d) Structured Question Language

Which of the following is NOT a MySQL data type?

a) VARCHAR

b) INTEGER

c) DECIMAL

d) STRING

Which SQL statement is used to retrieve data from a database?

a) GET

b) FETCH

c) SELECT

d) RETRIEVE

In MySQL, which keyword is used to add new rows to a table?

a) ADD

b) INSERT

c) UPDATE

d) MODIFY

Which MySQL command is used to create a new database?

a) CREATE

b) BUILD

c) MAKE

d) DESIGN

What is the primary key used for in a MySQL table?

a) Storing data

b) Ensuring data integrity

c) Creating indexes

d) Sorting data

Which SQL clause is used to filter records in a SELECT statement?

a) FILTER

b) LIMIT

c) WHERE

d) SORT

What does the SQL JOIN statement do?

a) Combines rows from two or more tables

b) Deletes rows from a table

c) Updates rows in a table

d) Inserts rows into a table

Which SQL function is used to find the total number of rows in a table?

a) COUNT()

b) SUM()

c) AVG()

d) TOTAL()

What is the default MySQL port number?

a) 3306

b) 8080

c) 5432

d) 27017

Which MySQL command is used to change the value of a column in existing records?

a) ALTER TABLE

b) MODIFY COLUMN

c) UPDATE

d) SET

Which SQL statement is used to delete a table in MySQL?

a) DROP TABLE

b) DELETE TABLE

c) REMOVE TABLE

d) ERASE TABLE

What is the purpose of the GROUP BY clause in SQL?

a) To sort the result set

b) To filter rows in a table

c) To group rows based on a column's values

d) To create a new table

Which SQL statement is used to change the name of a database?

a) RENAME DATABASE

b) ALTER DATABASE

c) MODIFY DATABASE

d) CHANGE DATABASE

Which SQL operator is used to combine multiple conditions in a WHERE clause?

a) AND

b) OR

c) NOT

d) XOR

What does the SQL ORDER BY clause do?

a) Filters rows in a table

b) Groups rows based on a column's values

c) Sorts the result set based on one or more columns

d) Deletes rows from a table

What is the purpose of an SQL index?

a) To define a primary key

b) To sort data in a table

c) To speed up data retrieval

d) To create foreign key relationships

Which SQL statement is used to add a new column to an existing table?

a) CREATE COLUMN

b) INSERT COLUMN

c) ALTER TABLE

d) MODIFY TABLE

What is the role of the HAVING clause in SQL?

a) To filter rows in a table

b) To group rows based on a column's values

c) To sort the result set

d) To filter grouped rows based on aggregate functions

Which SQL statement is used to remove a primary key constraint from a table?

a) DELETE PRIMARY KEY

b) DROP PRIMARY KEY

c) REMOVE PRIMARY KEY

d) ALTER PRIMARY KEY

Answers:

a) Structured Query Language

d) STRING

c) SELECT

b) INSERT

a) CREATE

b) Ensuring data integrity

c) WHERE

a) Combines rows from two or more tables

a) COUNT()

a) 3306

c) UPDATE

a) DROP TABLE

c) To group rows based on a column's values

b) ALTER DATABASE

a) AND

c) Sorts the result set based on one or more columns

c) To speed up data retrieval

c) ALTER TABLE

d) To filter grouped rows based on aggregate functions

b) DROP PRIMARY KEY

What does SQL stand for?

a. Structured Query Language

b. Sequential Query Language

c. Simple Query Language

d. System Query Language

Which keyword is used to retrieve all the columns from a table?

a. SELECT *

b. SELECT COLUMN()

c. SELECT ALL

d. SELECT COLUMNS()

Which MySQL command is used to create a new database?

a. CREATE

b. USE

c. INSERT

d. DATABASE

How do you comment out multiple lines in MySQL?

a. // This is a comment

b. /* This is a comment */

c. -- This is a comment

d. # This is a comment

What does the WHERE clause in a SQL query do?

a. It specifies which columns to retrieve.

b. It specifies the sorting order.

c. It filters rows based on a condition.

d. It joins multiple tables.

Which data type is used to store large text data in MySQL?

a. VARCHAR

b. INT

c. TEXT

d. FLOAT

What does the SQL statement "COUNT(*)" do?

a. Counts the total number of rows in a table.

b. Counts the number of distinct values in a column.

c. Counts the number of NULL values in a column.

d. Counts the number of columns in a table.

Which SQL command is used to add a new column to an existing table?

a. ALTER TABLE

b. ADD COLUMN

c. CREATE COLUMN

d. MODIFY TABLE

In SQL, which operator is used to compare values for equality?

a. =

b. <>

c. !=

d. LIKE

What is the purpose of the SQL "GROUP BY" clause?

a. To filter rows in a table.

b. To sort rows in a table.

c. To group rows with the same values into summary rows.

d. To perform mathematical calculations.

Which SQL function is used to find the maximum value in a column?

a. MAX()

b. MIN()

c. AVG()

d. SUM()

What is the default sorting order for the "ORDER BY" clause in SQL?

a. Ascending (ASC)

b. Descending (DESC)

c. Random

d. Alphabetical

Which SQL command is used to remove a table from a database?

a. DELETE TABLE

b. DROP TABLE

c. REMOVE TABLE

d. ERASE TABLE

What is the purpose of the SQL "JOIN" clause?

a. To insert data into a table.

b. To combine rows from multiple tables based on a related column.

c. To delete rows from a table.

d. To update rows in a table.

Which SQL command is used to retrieve unique values from a column?

a. SELECT UNIQUE

b. SELECT DISTINCT

c. SELECT UNIQUE VALUES

d. SELECT UNIQUE COLUMN

What does the SQL "LIKE" operator do?

a. Performs mathematical operations.

b. Compares two columns for equality.

c. Searches for a specified pattern in a column.

d. Sorts the result set.

Which SQL command is used to change the data in an existing table?

a. MODIFY

b. UPDATE

c. ALTER

d. CHANGE

What is the primary key in a MySQL table?

a. A unique identifier for each row in the table.

b. A column that contains only numeric values.

c. The first column in the table.

d. A column with a NULL value.

Which SQL function is used to calculate the average of a column?

a. AVG()

b. SUM()

c. MAX()

d. MIN()

Which SQL command is used to delete all records from a table?

a. DELETE ALL

b. DELETE TABLE

c. TRUNCATE TABLE

d. DROP TABLE

What does the SQL "HAVING" clause do?

a. Filters rows based on a condition.

b. Sorts rows in a table.

c. Filters groups based on a condition.

d. Joins multiple tables.

Which SQL command is used to change the name of a table?

a. RENAME

b. CHANGE

c. MODIFY

d. ALTER

What is the purpose of the SQL "UNION" operator?

a. To combine the result sets of two or more SELECT statements.

b. To perform mathematical calculations.

c. To delete rows from a table.

d. To group rows by a specific column.

Which SQL command is used to add data to a table?

a. INSERT INTO

b. UPDATE

c. ADD DATA

d. APPEND

What is the role of the SQL "DISTINCT" keyword?

a. To sort the result set in ascending order.

b. To retrieve only the first row from the result set.

c. To remove duplicate values from the result set.

d. To perform aggregate functions.

Which SQL command is used to create an index on a table?

a. CREATE INDEX

b. ADD INDEX

c. INDEX TABLE

d. CREATE TABLE INDEX

What is the purpose of the SQL "ROLLBACK" statement?

a. To commit changes to the database.

b. To undo changes made since the last savepoint or BEGIN TRANSACTION.

c. To save the current transaction.

d. To lock a table.

Which SQL function is used to get the current date and time?

a. GETDATE()

b. NOW()

c. CURRENT_TIMESTAMP()

d. DATE()

What is the purpose of the SQL "TRUNCATE TABLE" command?

a. To delete all records from a table.

b. To remove a table from the database.

c. To remove specific columns from a table.

d. To reset the auto-increment value for a column.

Which SQL statement is used to grant privileges to a user in MySQL?

a. GRANT PRIVILEGES

b. GIVE PERMISSIONS

c. ALLOW ACCESS

d. GRANT

Answers:

a

a

a

b

c

c

a

b

a

c

a

a

b

b

b

c

b

a

a

c

c

a

a

a

c

a

b

c

a

d