

Keypoints

1. The basic command for retrieving data from a database table is to `SELECT` data `FROM` a table.
2. `SELECT` and `FROM` are the core keywords in SQL.
3. To select multiple columns, list all the column names separated by commas.
4. Use `SELECT *` to select all columns.
5. Use `SELECT DISTINCT` to select unique values.
6. Use the `WHERE` keyword to filter results based on specified conditions.
7. Use the `ORDER BY` keyword to specify the order in which the results should be displayed.
8. Use `ASC` or `DESC` to specify ascending or descending order respectively.
9. Use functions like `SUM`, `AVG`, `COUNT`, `MAX`, and `MIN` to operate on specific columns.
10. Use `GROUP BY` to calculate functions based on specified columns.
11. The columns specified in `GROUP BY` determine how the function is calculated.
12. Use `HAVING` to filter results based on the result of a function.
13. The correct order of keywords in a SQL statement is `SELECT FROM, WHERE, GROUP BY, HAVING, and ORDER BY`.