

****1. What is an SQL statement?****

SQL (Structured Query Language) statement is a command used to perform operations on a database. It can be used to retrieve, insert, update, or delete data from database tables.

****Example:**** ``SELECT * FROM Employees;`` (This SQL statement retrieves all rows from the Employees table.)

****2. What is a SELECT statement in SQL?****

The SELECT statement is used to retrieve data from one or more tables in a database. It allows you to specify which columns to retrieve and apply conditions to filter the results.

****Example:**** ``SELECT FirstName, LastName FROM Employees WHERE Department = 'Sales';`` (This SQL statement retrieves the first name and last name of employees who belong to the Sales department.)

****3. How do you insert data into a table using SQL?****

The INSERT statement is used to add new rows of data into a table in a database.

****Example:**** ``INSERT INTO Employees (FirstName, LastName, Department) VALUES ('John', 'Doe', 'Marketing');`` (This SQL statement inserts a new employee record into the Employees table with specified first name, last name, and department.)

****4. What is the UPDATE statement used for in SQL?****

The UPDATE statement is used to modify existing records in a database table.

****Example:**** ``UPDATE Employees SET Department = 'HR' WHERE LastName = 'Smith';`` (This SQL statement updates the department of an employee named Smith to 'HR'.)

****5. How do you delete records from a table in SQL?****

The DELETE statement is used to remove one or more rows from a table in a database.

****Example:**** ``DELETE FROM Employees WHERE LastName = 'Johnson';`` (This SQL statement deletes all records of employees with the last name 'Johnson' from the Employees table.)