Business Databases

Lecture 3 - Introduction to 'SELECT' statement

Agenda

- SELECT, SELECT DISTINCT
- WHERE
- SQL comparison operators
- IN and BETWEEN operators
- Combining conditions in WHERE
- Sorting values using ORDER BY
- NULL values
- Exercise 1

Explore 'customers' table

Select all rows from Customers

Select customername column from Customers

Select customerid and customername from Mexico

Select all countries from Customers (unique)

Select all cities from Customers (unique)

Select all countries and cities from Customers (unique)

Select all columns with country other than USA

Explore 'customers' table

Select customername and address of customers from UK and France

Select customername and contactname for customerid is more than 30

Select customername and contactname for customerid is less than 90

Select all columns where postal code is not available

Select customerid and contactname for customer 10

Select customerid and contactname for all customers except 10

Select customerid and contactname for all customers except 10, 20, 30, 40

Explore 'customers' table

Select all columns for all customers where customer id is anything from 10 to 20

Select address and city for customers from UK and London

Select all columns for all customers from Paris or San Fransisco

Explore 'Orders' table

Select all orders by customer 7

Select all orders placed in 1996, December

Select all employees who took orders (unique)

Select all customers who took orders (unique)

Sort the table according to customerid

Select all orders placed after 1996, June

Select all orders placed before 1997, Feb

Select all orders placed before 1997, June but not from March, 1997