

Chapter 4

How to retrieve data from two or more tables

Exercises

1. Write a SELECT statement that joins the Categories table to the Products table and returns these columns: CategoryName, ProductName, ListPrice.
Sort the result set by CategoryName and then by ProductName in ascending order.
2. Write a SELECT statement that joins the Customers table to the Addresses table and returns these columns: FirstName, LastName, Line1, City, State, ZipCode.
Return one row for each address for the customer with an email address of allan.sherwood@yahoo.com.
3. Write a SELECT statement that joins the Customers table to the Addresses table and returns these columns: FirstName, LastName, Line1, City, State, ZipCode.
Return one row for each customer, but only return addresses that are the shipping address for a customer.
4. Write a SELECT statement that joins the Customers, Orders, OrderItems, and Products tables. This statement should return these columns: LastName, FirstName, OrderDate, ProductName, ItemPrice, DiscountAmount, and Quantity.
Use aliases for the tables.
Sort the final result set by LastName, OrderDate, and ProductName.
5. Write a SELECT statement that returns the ProductName and ListPrice columns from the Products table.
Return one row for each product that has the same list price as another product. (*Hint: Use a self-join to check that the ProductID columns aren't equal but the ListPrice column is equal.*)
Sort the result set by ProductName.