

Chapter 06 In-class Lab Assignment

ISTA-420, T-SQL Fundamentals

In-class Lab — Set operators

Using the Northwind database

Use set operators to execute the following queries. Note that it may be possible to use joins and sets to do the same thing.

1. Create a list of every country where we have either a customer or a supplier.
2. Create a list of every city and country where we have either a customer or a supplier.
3. Create a list of every country where we have both a customer and a supplier.
4. Create a list of every city and country where we have both a customer and a supplier.
5. Create a list of every country where we have customers but not suppliers.
6. Create a list of every country where we have suppliers but not customers.
7. Create a list of every country where we have suppliers but not customers and where we have customers but not suppliers. Do not include any country where we have both suppliers and customers.

Using the TSQLV4 database

Use the book's database, TSQLV4, and do the exercises 1 through 6, beginning on page 204. The solutions are in the book beginning on page 208.

Solutions to the lab queries

Attempt to write the queries before you look at the solutions. Do not look at the solutions before you attempt to write the query.

Northwind queries

```
1 select country from customers
2     union
3     select country from suppliers;
4
5 select city, country from customers
6     union
7     select city, country from suppliers;
8
9 select country from customers
10    intersect
11    select country from suppliers;
12
13 select city, country from customers
14    intersect
15    select city, country from suppliers;
16
17 select country from customers
18    except
19    select country from suppliers;
20
21 select country from suppliers
22    except
23    select country from customers;
```