5.1

SELECT distinct city FROM customers

UNION

SELECT distinct city FROM suppliers;

5.2

SELECT \* FROM (

SELECT "сотрудник" AS "Категория", emp\_name as "Имя", "не указано" AS "Город" FROM employees

UNION

SELECT "клиент" AS "Категория", cust\_name as "Имя", city AS "Город" FROM customers

WHERE country='Brazil'

UNION

SELECT "стажер" AS "Категория", first\_name||' '||last\_name AS "Имя", "не указано" AS "Город" FROM trainees

UNION

SELECT "поставщик" AS "Категория", contact\_name AS "Имя", city AS "Город" FROM suppliers

WHERE country='Sweden') t

ORDER BY t."Категория", t."Имя";

5.3

SELECT p."product\_id", p."product\_name", p."category\_id", p."quantity\_per\_unit", p.price FROM products p

INNER JOIN categories c ON c.category\_id=p.category\_id

WHERE category\_name not in ('Condiments','Seafood','Confections')

UNION

SELECT p."product\_id", p."product\_name", p."category\_id", p."quantity\_per\_unit", p.price+p.price\*0.13 price FROM products p

INNER JOIN categories c ON c.category\_id=p.category\_id

WHERE category\_name='Condiments'

UNION

SELECT p."product\_id", p."product\_name", p."category\_id", p."quantity\_per\_unit", p.price+p.price\*0.06 price FROM products p

INNER JOIN categories c ON c.category\_id=p.category\_id

WHERE category\_name='Seafood'

UNION

SELECT p."product\_id", p."product\_name", p."category\_id", p."quantity\_per\_unit", p.price-p.price\*0.09 price FROM products p

INNER JOIN categories c ON c.category\_id=p.category\_id

WHERE category\_name='Confections';

5.4

SELECT distinct city FROM customers

INTERSECT

SELECT distinct city FROM suppliers;

5.5

SELECT city FROM suppliers

EXCEPT

SELECT city FROM customers;