```sql
SELECT  * FROM  departments WHERE  location_id = 1700;
SELECT  employee_id, first_name, last_name, department_id
FROM   employees
WHERE  department_id IN (1, 3, 9, 10, 11)
ORDER BY first_name, last_name;

SELECT   employee_id, first_name, last_name, department_id
FROM employees
WHERE department_id IN (SELECT department_id
        FROM     departments
        WHERE location_id = 1700)
ORDER BY first_name, last_name;

SELECT employee_id, first_name, last_name
FROM   employees
WHERE  department_id NOT IN (SELECT department_id
        FROM    departments
        WHERE location_id = 1700)
ORDER BY first_name , last_name;

SELECT employee_id, first_name, last_name, salary
FROM    employees
WHERE salary = (SELECT MAX(salary) FROM  employees)
ORDER BY first_name, last_name;

SELECT employee_id, first_name, last_name, salary
FROM employees
WHERE salary > (SELECT AVG(salary)FROM employees);

SELECT department_name
FROM departments d
WHERE EXISTS ( SELECT * FROM employees e
        WHERE salary > 10000 AND e.department_id = d.department_id)
ORDER BY department_name;

SELECT * FROM employees e
        WHERE salary < 10000;


SELECT AVG(salary) average_salary
FROM employees GROUP BY department_id;

        SELECT ROUND( AVG(average_salary), 0)
FROM  ( SELECT AVG(salary) as average_salary FROM employees   GROUP BY
department_id) department_salary;

SELECT productCode, ROUND(SUM(quantityOrdered * priceEach)) AS sales
FROM orderdetails
        INNER JOIN orders USING (orderNumber)
WHERE YEAR(shippedDate) = 2003
```

```sql
GROUP BY productCode
ORDER BY sales DESC
LIMIT 5;

SELECT productName, sales
FROM (SELECT productCode, ROUND(SUM(quantityOrdered * priceEach)) AS sales
        FROM orderdetails INNER JOIN orders USING (orderNumber)
    WHERE YEAR(shippedDate) = 2003
    GROUP BY productCode
    ORDER BY sales DESC
    LIMIT 5) as top5products2003
INNER JOIN products USING (productCode);

SELECT productCode, ROUND(SUM(quantityOrdered * priceEach)) AS sales
    FROM orderdetails
        INNER JOIN orders USING (orderNumber)
    WHERE YEAR(shippedDate) = 2003
    GROUP BY productCode
    ORDER BY sales DESC
    LIMIT 5;
SELECT productCode, ROUND(SUM(quantityOrdered * priceEach)) AS sales
FROM orderdetails
GROUP BY productCode
ORDER BY sales DESC
LIMIT 5
;

SELECT * FROM orderdetails;
SELECT * FROM orders;
```