3/5 sql과제 박슬빈

##1

SELECT offices.country, count(employees.employeeNumber) as NumOfEmployees

FROM offices left join employees

on offices.officeCode = employees.officeCode

GROUP BY 1;

##2

SELECT *

FROM customers

WHERE contactFirstName Like "R%";

##3

SELECT customerNumber, count(orderNumber)

FROM orders

WHERE status = "cancelled" or status = "On Hold"

GROUP BY 1;

##4

SELECT subsub.officeCode

FROM(SELECT sub.officeCode, MAX(sub.a)

FROM (SELECT offices.officeCode, COUNT(customers.customerNumber) AS a

FROM offices left join (employees left join customers on customers.salesRepEmployeeNumber = employees.employeeNumber)

on offices.officeCode = employees.officeCode

GROUP BY 1) as sub) as subsub;

5

```sql
SELECT *
FROM customers
inner JOIN (SELECT sub.customerNumber as c, MAX(sub.a) as b
FROM
(SELECT customers.customerNumber, SUM(payments.amount) as a
FROM customers left join payments on customers.customerNumber = payments.customerNumber
WHERE extract(year from payments.paymentDate) = 2004 and extract(month from payments.paymentDAte) = 11
GROUP BY customerNumber) as sub) as subsub
on customers.customerNumber = subsub.c;
```

6

```sql
SELECT MIN(shippedDate - orderDate), MAX(shippedDate - orderDate)
FROM orders
WHERE extract(year from orders.orderDate) = 2005 and extract(month from orders.orderDate) = 1;
```

7

```sql
SELECT *
FROM employees
WHERE employeeNumber =
(SELECT customers.salesRepEmployeeNumber
FROM customers
inner JOIN (SELECT sub.customerNumber as c, MAX(sub.a) as b
```

FROM

(SELECT customers.customerNumber, SUM(payments.amount) as a

FROM customers left join payments on customers.customerNumber = payments.customerNumber

WHERE extract(year from payments.paymentDate) = 2004 and extract(month from payments.paymentDAte) = 11

GROUP BY customerNumber) as sub) as subsub

on customers.customerNumber = subsub.c);