

REPORT



과 목 :	데이터베이스이론및실습
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이 름 :	김행복

-- 잊기전에 한 번 더

-- Q1

```
SELECT DEPTNO, TRUNC(AVG(SAL)) AS "AVG_SAL", MAX(SAL) AS "MAX_SAL", MIN(SAL) AS  
"MIN_SAL", COUNT(DEPTNO) AS "CNT" FROM EMP  
  
GROUP BY DEPTNO  
  
ORDER BY DEPTNO DESC;
```

	DEPTNO	AVG_SAL	MAX_SAL	MIN_SAL	CNT
1	30	1566	2850	950	6
2	20	2175	3000	800	5
3	10	2916	5000	1300	3

-- Q2

```
SELECT JOB, COUNT(*) FROM EMP  
  
GROUP BY JOB  
  
HAVING COUNT(JOB) >= 3;
```

	JOB	COUNT(*)
1	CLERK	4
2	SALESMAN	4
3	MANAGER	3

-- Q3

```
SELECT TO_CHAR(HIREDATE, 'YYYY') AS "HIRE_YEAR", DEPTNO, COUNT(DEPTNO) FROM EMP  
  
GROUP BY TO_CHAR(HIREDATE, 'YYYY'), DEPTNO  
  
ORDER BY DEPTNO ASC;
```

	HIRE_YEAR	DEPTNO	COUNT(DEPTNO)
1	1981	10	2
2	1982	10	1
3	1980	20	1
4	1981	20	2
5	1982	20	1
6	1983	20	1
7	1981	30	6

```
SELECT 'X' AS "EXIST_COMM", COUNT(*) - COUNT(COMM) AS "CNT" FROM EMP
```

WHERE COMM IS NULL

UNION ALL

```
SELECT 'O', COUNT(COMM) FROM EMP
```

WHERE COMM IS NOT NULL;

	EXIST_COMM	CNT
1	X	10
2	0	4

-- Q5

```
SELECT DEPTNO, TO_CHAR(HIREDATE, 'YYYY'), COUNT(*) AS "CNT", MAX(SAL), SUM(SAL), AVG(SAL)
```

FROM EMP

GROUP BY ROLLUP(DEPTNO, TO_CHAR(HIREDATE, 'YYYY'))

ORDER BY DEPTNO ASC;

[illegible]