# 231128 (sql,outerjoin,rightouterjoin)

### 자바스프링

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http://blog.naver.com/sophia2164/223277366247

## 다음 SQL 중 결과가 다른 SQL은 무엇인가?

① SELECT A, COL1, B, COL3 FROM SAMPLE1 A, SAMPLE2 B

WHERE A,COL1 >= B,COL1

AND A, COL1 <= B, COL2;

② SELECT A, COL1, B, COL3 FROM SAMPLE1 A, SAMPLE2 B

WHERE A COL1 BETWEEN B COL1 AND B COL2;

③ SELECT A, COL1, B, COL3 FROM SAMPLE1 A, SAMPLE2 B

WHERE B, COL1 <= A, COL1

AND B,COL2 >= A,COL1;

SELECT B.COL1, B.COL3

FROM SAMPLE1 A, SAMPLE2 B

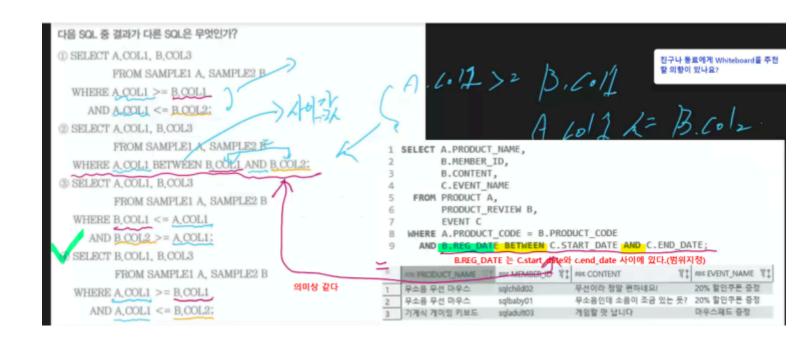
WHERE A,COL1 >= B,COL1

AND A COLI <= B COL2;

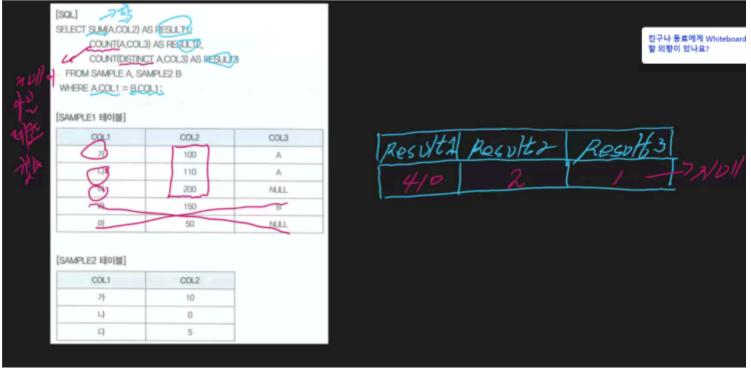
```
다음 SQL 중 결과가 다른 SQL은 무엇인가?
① SELECT A COL1, B COL3
         FROM SAMPLE1 A, SAMPLE2 B
  WHERE A COL1 >= B COL1
     AND A COL1 <= B COL2:
② SELECT A COL1, B COL3
         FROM SAMPLE1 A, SAMPLE2 B
  WHERE A COL1 BETWEEN B COL1 AND B COL2;
3 SELECT A COL1, B COL3
         FROM SAMPLE1 A, SAMPLE2 B
  WHERE B.COL1 <= A.COL1
     AND B COL2 >= A COL1;

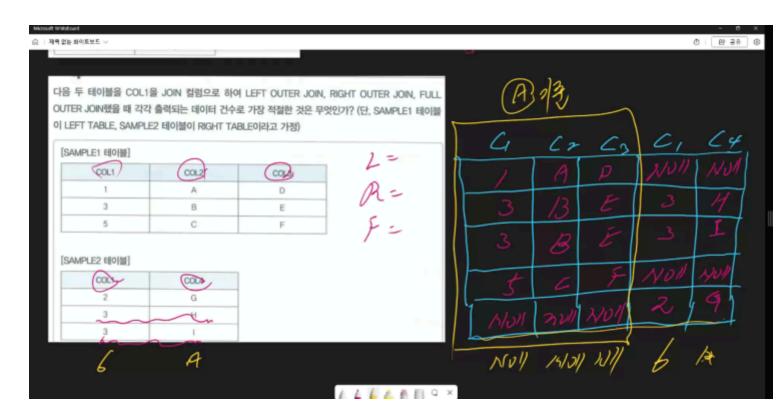
    SELECT B, COL1, B, COL3

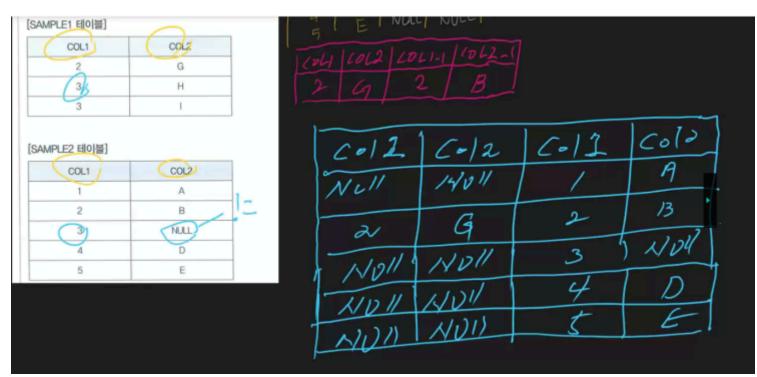
         FROM SAMPLE1 A, SAMPLE2 B
  WHERE A, COL1 >= B, COL1
     AND A COLI \leq B COL2;
```

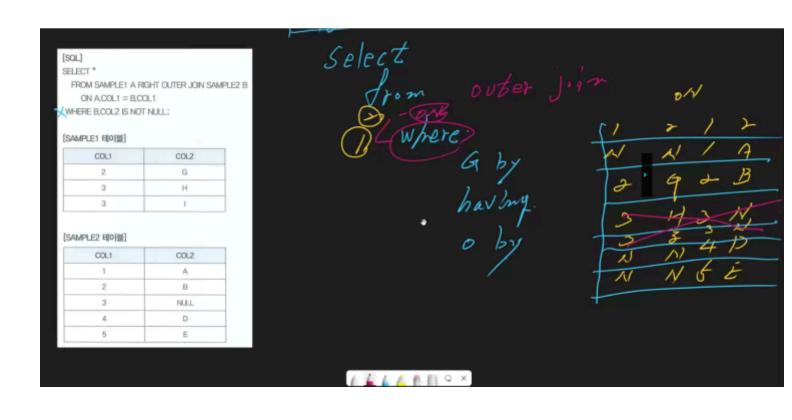












## 다음 SQL 중 결과가 다른 SQL은 무엇인가?

- ① SELECT A, COL1, B, COL2

  FROM SAMPLE1 A, SAMPLE2 B

  WHERE A, COL1 = B, COL1;
- ② SELECT A, COL1, B, COL2

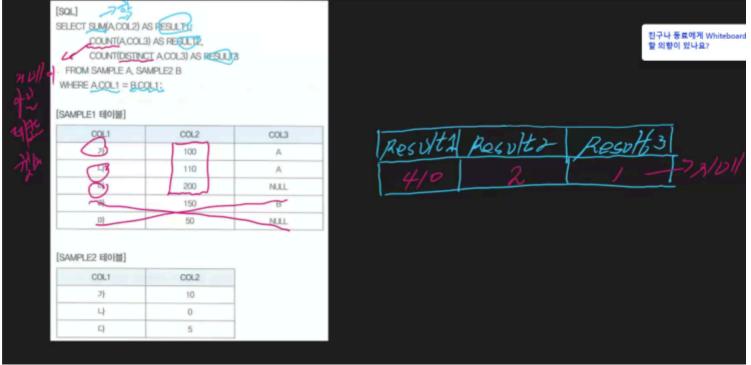
  FROM SAMPLE1 A INNER JOIN SAMPLE2 B

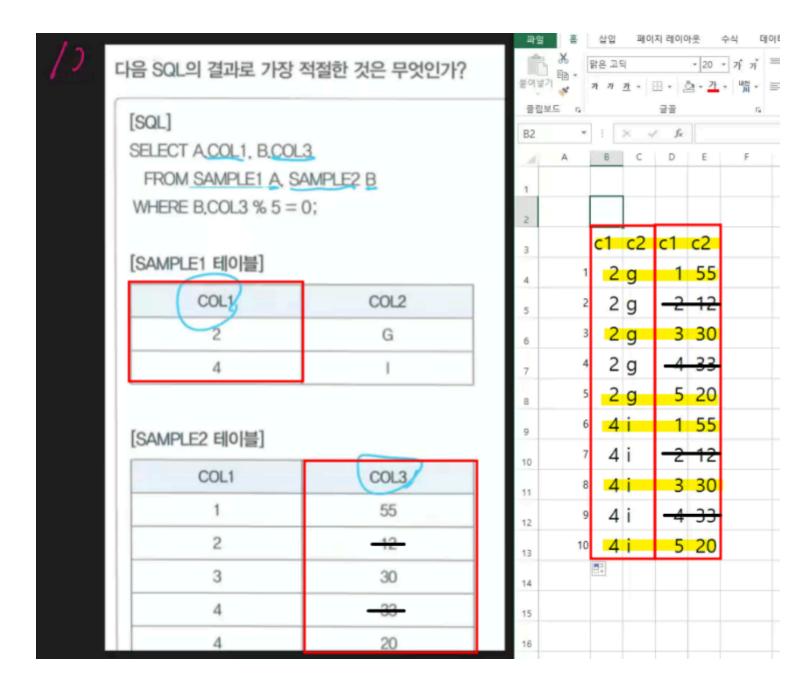
  ON A, COL1 = B, COL1;
- ③ SELECT A.COL1, B.COL2

  FROM SAMPLE1 A, SAMPLE2 B

  WHERE A.COL1 = B.COL1(+);
- ④ SELECT B.COL1, B.COL2 FROM SAMPLE1 A, SAMPLE2 B WHERE A.COL1 = B.COL1;

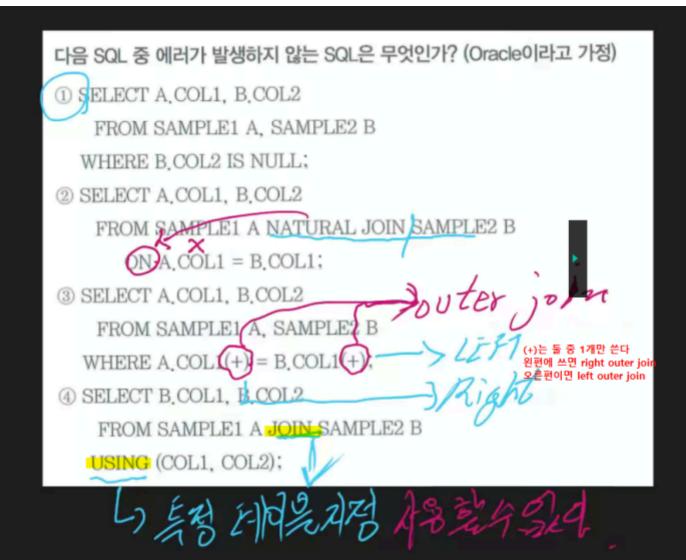












## 조금 더 알아보기

# **OUTER JOIN**

#### **LEFT OUTER JOIN FULL OUTER JOIN RIGHT OUTER JOIN** В В В SELECT \* SELECT \* SELECT \* FROM A a FROM A a FROM A a RIGHT OUTER JOIN B b LEFT JOIN B b FULL OUTER JOIN B b ON a.KEY = b.KEY ON a.KEY = b.KEY ON a.KEY = b.KEY В В В Α SELECT \* SELECT \* SELECT \* FROM A a FROM A a FROM A a LEFT JOIN B b FULL OUTER JOIN B b RIGHT OUTER JOIN B b ON a.KEY = b.KEY ON a.KEY = b.KEY ON a.KEY = b.KEY WHERE **b.KEY** IS NULL WHERE a.KEY IS NULL WHERE a.KEY IS NULL OR b.KEY IS NULL

출처: <a href="https://hongong.hanbit.co.kr/sql-">https://hongong.hanbit.co.kr/sql-</a>

%EA%B8%B0%EB%B3%B8-%EB%AC%B8%EB%B2%95-joininner-outer-cross-self-join/

**LEFT OUTER JOIN FULL OUTER JOIN RIGHT OUTER JOIN** В В В SELECT \* SELECT \* SELECT \* FROM A a FROM A a FROM A a LEFT JOIN B b FULL OUTER JOIN B b RIGHT OUTER JOIN B b ON a.KEY = b.KEY ON a.KEY = b.KEY ON a.KEY = b.KEY В

SQL 기본 문법: JOIN(INNER, OUTER, CROSS, SELF JOIN)

조인은 두 개의 테이블을 서로 묶어서 하나의 결과를 만들어 내는 것을 말한다. INNER JOIN(내부 조인)은 두 테이블을 조인할 때, 두 테이블에 모두 지정한 열의 데이터가 있어야 한다.OUTER JOIN(외부 조인)은 두 테이블을 조인할 때...

#### hongong.hanbit.co.kr



