💯 프로그래머스 String, Date SQL문제풀이

📋 태그

> ### String, Date > 취소되지 않는 진료예약 조회하기

✅ Doctor 테이블 만들기

```
CREATE TABLE DOCTOR (
DR_NAME VARCHAR(10)
DR_ID VARCHAR(30)
LCNS_NO VARCHAR(30)
HIRE_YMD DATE
MCDP_CD VARCHAR(2)
TLNO VARCHAR(20)
);


INSERT INTO PATIENT VALUES ('PT22000019','바라','W',10,'01079068799');
INSERT INTO PATIENT VALUES ('PT22000043','오스왈드','M',68,'01031294124');
INSERT INTO PATIENT VALUES ('PT22000052','제니','W',60,NULL);
INSERT INTO PATIENT VALUES ('PT22000071','몬몬','M',31,'01076489209');
INSERT INTO PATIENT VALUES ('PT22000097','슈가','M',19,NULL);

INSERT INTO DOCTOR VALUES ('루피','DR20090029','LC00010001','2009-03-01','CS','01085482
011');
INSERT INTO DOCTOR VALUES ('니모','DR20200012','LC00911162','2020-03-01','CS','01089483
921');
INSERT INTO DOCTOR VALUES ('핑크퐁','DR20140011','LC00082201','2014-03-01','NP','0109842
8957');
INSERT INTO DOCTOR VALUES ('젤라비','DR20160031','LC00340327','2016-11-01','OB','0102398
1922');
INSERT INTO DOCTOR VALUES ('토리','DR20190129','LC00099911','2019-03-01','NS','01058390
758');

INSERT INTO APPOINTMENT VALUES('2022-04-13 12:30:00.000000',42,'PT22000071','CS','DR20
090029','N',NULL);
INSERT INTO APPOINTMENT VALUES('2022-04-13 15:30:00.000000',43,'PT22000019','CS','DR20
200012','N',NULL);
INSERT INTO APPOINTMENT VALUES('2022-04-13 09:00:00.000000',74,'PT22000042','NP','DR20
```

```
100011','N',NULL);
INSERT INTO APPOINTMENT VALUES('2022-12-13 12:30:00.000000',110,'PT22000097','NP','DR2
0160011','Y','2022-12-03');
```

PATIENT , DOCTOR 그리고 APPOINTMENT 테이블에서 2022년 4월 13일 취소되지 않은 흉부외과(CS) 진료 예약 내역을 조회하는 SQL문을 작성해주세요. 진료예약번호, 환자이름, 환자번호, 진료과코드, 의사이름, 진료예약일시 항목이 출력되도록 작성해주세요. 결과는 진료예약일시를 기준으로 오름차순 정렬해주세요.

```sql
-- 내가 쓴 코드
SELECT C.APNT_NO AS 진료예약번호, A.PT_NAME AS 환자이름, A.PT_NO AS 환자번호, B.MCDP_CD AS 진
료과코드, B.DR_NAME AS 의사이름, C.APNT_YMD AS 진료예약일시, C.APNT_CNCL_YN AS 예약취소여부
FROM PATIENT A , DOCTOR B, APPOINTMENT C
WHERE A.PT_NO = C.PT_NO AND B.DR_ID = C.MDDR_ID AND B.MCDP_CD = C.MCDP_CD
HAVING MCDP_CD = 'CS' AND APNT_CNCL_YN ='N'
ORDER BY C.APNT_YMD ASC;
```

```sql
-- 정답코드
SELECT APNT_NO, PT_NAME, A.PT_NO, A.MCDP_CD, D.DR_NAME, APNT_YMD
FROM PATIENT AS P
JOIN (
    SELECT *
    FROM APPOINTMENT
    WHERE MCDP_CD = 'CS'
    AND DATE(APNT_YMD) = '2022-04-13'
    AND APNT_CNCL_YN = 'N'
) AS A
USING (PT_NO)
JOIN DOCTOR AS D
ON A.MDDR_ID = D.DR_ID
ORDER BY APNT_YMD;
```