

쿼리 변환 기능이 약한 DBMS 버전을 사용한다고 가정하고, 아래와 같이 오라클 실행계획이 나타나도록 SQL을 변환하시오.

#### [인덱스 구성]

DEPT\_PK : DEPTNO

DEPT\_X1 : LOC

EMP\_PK : EMPNO

EMP\_X1 : JOB + DEPTNO

EMP\_X2 : MGR + JOB

#### -- 문제 1

```
SELECT *
  FROM EMP E, DEPT D
 WHERE (E.DEPTNO = D.DEPTNO AND E.JOB = 'CLERK' AND D.LOC = 'DALLAS')
    OR
    (E.DEPTNO = D.DEPTNO AND E.JOB = 'CLERK' AND E.MGR = 7782)
;
```

Id	Operation	Name	Starts	A-Rows	A-Time	Buffers
0	SELECT STATEMENT		1	3	00:00:00.01	8
1	NESTED LOOPS		1	3	00:00:00.01	8
2	NESTED LOOPS		1	4	00:00:00.01	4
3	TABLE ACCESS BY INDEX ROWID BATCHED	EMP	1	4	00:00:00.01	2
* 4	INDEX RANGE SCAN	EMP_X1	1	4	00:00:00.01	1
* 5	INDEX UNIQUE SCAN	DEPT_PK	4	4	00:00:00.01	2
* 6	TABLE ACCESS BY INDEX ROWID	DEPT	4	3	00:00:00.01	4