

REPORT



과 목 :	데이터베이스이론및실습
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담당교수 :	권기현
학 과 :	정보통신공학과
학 번 :	201920479
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-- 11-1) DEPT 테이블을 복사해서 DEPT_TCL 테이블 만들기

```
CREATE TABLE DEPT_TCL AS SELECT * FROM DEPT;
```

```
SELECT * FROM DEPT_TCL;
```

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	DALLAS
3	30	SALES	CHICAGO
4	40	OPERATIONS	BOSTON

-- 11-2) DEPT_TCL 테이블에 데이터를 입력, 수정 삭제하기

```
INSERT INTO DEPT_TCL VALUES(50, 'DATSABASE', 'SEOUL');
```

```
UPDATE DEPT_TCL SET LOC = 'BUSAN' WHERE DEPTNO = 40;
```

```
DELETE FROM DEPT_TCL WHERE DNAME = 'RESEARCH';
```

```
SELECT * FROM DEPT_TCL;
```

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	30	SALES	CHICAGO
3	40	OPERATIONS	BUSAN
4	50	DATSABASE	SEOUL

-- 11-3) ROLLBACK으로 명령어 실행 취소하기

```
ROLLBACK;
```

```
SELECT * FROM DEPT_TCL;
```

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	DALLAS
3	30	SALES	CHICAGO
4	40	OPERATIONS	BOSTON

-- 11-4) DEPT_TCL 테이블에 데이터를 입력 수정하기

```
INSERT INTO DEPT_TCL VALUES(50, 'NETWORK', 'SEOUL');
```

```
UPDATE DEPT_TCL SET LOC = 'BUSAN' WHERE DEPTNO = 20;
```

```
DELETE FROM DEPT_TCL WHERE DEPTNO = 40;
```

```
SELECT * FROM DEPT_TCL;
```

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	SALES	CHICAGO
4	50	NETWORK	SEOUL

-- 11-5) COMMIT으로 명령어 반영하기

```
COMMIT;
```

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	SALES	CHICAGO
4	50	NETWORK	SEOUL

-- 11-6) 토드와 SQL*PLUS로 세션 알아보기

```
SELECT * FROM DEPT_TCL;
```

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	SALES	CHICAGO
4	50	NETWORK	SEOUL

```
SQL> select * FROM DEPT_TCL;
```

DEPTNO	DNAME	LOC
-----	-----	-----
10	ACCOUNTING	NEW YORK
20	RESEARCH	BUSAN
30	SALES	CHICAGO
50	NETWORK	SEOUL

-- 11-7) 토드와 SLQ*PLUS로 세션 알아보기

DELETE FROM DEPT_TCL WHERE DEPTNO = 50;

SELECT * FROM DEPT_TCL;

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	SALES	CHICAGO

```
[SQL> select * FROM DEPT_TCL;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	BUSAN
30	SALES	CHICAGO
50	NETWORK	SEOUL

-- 11-8) 토드와 SQL*PLUS로 세션 알아보기

COMMIT;

SELECT * FROM DEPT_TCL;

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	SALES	CHICAGO

```
[SQL> select * FROM DEPT_TCL;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	BUSAN
30	SALES	CHICAGO

-- 11-9) 토드와 SQL*PLUS로 LOCK 알아보기

SELECT * FROM DEPT_TCL;

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	SALES	CHICAGO

```
[SQL> select * FROM DEPT_TCL;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	BUSAN
30	SALES	CHICAGO

-- 11-10) 토드와 SQL*PLUS로 LOCK 알아보기

UPDATE DEPT_TCL SET LOC = 'SEOUL' WHERE DEPTNO = 30;

SELECT * FROM DEPT_TCL;

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	SALES	SEOUL

```
[SQL> SELECT * FROM DEPT_TCL;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	BUSAN
30	SALES	CHICAGO

-- 11-11) 토드와 SQL*PLUS로 LOCK 알아보기

-- 토드에서는 아무 작업 안 함

```
[SQL>UPDATE DEPT_TCL SET DNAME='DATABASE' WHERE DEPTNO=30;
```

-- 11-12) 토드와 SQL*PLUS로 LOCK 알아보기

COMMIT;

커밋 완료.

```
[SQL>UPDATE DEPT_TCL SET DNAME='DATABASE' WHERE DEPTNO=30;
```

1 row updated.

-- 11-13) 토드와 SQL*PLUS로 LOCK 알아보기

SELECT * FROM DEPT_TCL;

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	SALES	SEOUL

```
[SQL> SQL> SELECT * FROM DEPT_TCL;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	BUSAN
30	DATABASE	SEOUL

-- 11-14) 토드와 SQL*PLUS로 LOCK 알아보기 - 세션 B(SQL*PLUS)

```
[SQL> COMMIT;
```

Commit complete.

-- 11-15) 토드와 SQL*PLUS로 LOCK 알아보기 - 세션 A(토드)

SELECT * FROM DEPT_TCL;

	DEPTNO	DNAME	LOC
1	10	ACCOUNTING	NEW YORK
2	20	RESEARCH	BUSAN
3	30	DATABASE	SEOUL