

Information Systems: Labwork 4

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Labwork 4

Step 1: Insert new departments to 'departments' table

To create our 2 new merged departments

```
1 INSERT INTO DEPARTMENTS(DEPT_NO, DEPT_NAME) VALUES
2   ('d010', 'Research and Development'),
3   ('d011', 'Marketing and Sales');
```

Output:

```
1 Query OK, 2 rows affected (0.01 sec)
2 Records: 2 Duplicates: 0 Warnings: 0
```

Step 2: Update managers to new departments

```
1 UPDATE IGNORE DEPT_MANAGER SET DEPT_NO = 'd010'
2 WHERE DEPT_NO = 'd005' OR DEPT_NO = 'd008';
```

Output:

```
1 Query OK, 4 rows affected (0.02 sec)
2 Rows matched: 4 Changed: 4 Warnings: 0
```

```
1 UPDATE IGNORE DEPT_MANAGER SET DEPT_NO = 'd011'
2 WHERE DEPT_NO = 'd001' OR DEPT_NO = 'd007';
```

Output:

```
1 Query OK, 4 rows affected (0.01 sec)
2 Rows matched: 4 Changed: 4 Warnings: 0
```

Step 3: Update employees to new departments

```
1 UPDATE IGNORE DEPT_EMP SET DEPT_NO = 'd010'
2 WHERE DEPT_NO = 'd005' OR DEPT_NO = 'd008';
```

Output:

```
1 Query OK, 101599 rows affected, 5234 warnings (5.45 sec)
2 Rows matched: 106833 Changed: 101599 Warnings: 5234
```

```
1 UPDATE IGNORE DEPT_EMP SET DEPT_NO = 'd011'
2 WHERE DEPT_NO = 'd001' OR DEPT_NO = 'd007';
```

Output:

```
1 Query OK, 68804 rows affected, 3652 warnings (2.33 sec)
2 Rows matched: 72456 Changed: 68804 Warnings: 3652
```

Step 4: Delete old departments in 'departments' table

```
1 DELETE FROM DEPARTMENTS WHERE
2   DEPT_NO = 'd001' OR DEPT_NO = 'd005' OR DEPT_NO = 'd007' OR DEPT_NO = 'd008';
```

Output:

```
1 Query OK, 4 rows affected (0.08 sec)
```