

MI 1.02: Report #4

Due on

Nghiem Thi Phuong 5:30pm

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Problem 1

1. Insert department Research and Development

```
INSERT INTO departments VALUES ('d010', 'Research and Development');
```

```
sql> INSERT INTO departments VALUES ('d010', 'Research and Development')
[2017-11-09 13:45:01] 1 row affected in 28ms
```

2. Insert department Marketing and Sales

```
INSERT INTO departments VALUES ('d011', 'Marketing and Sales');
```

```
sql> INSERT INTO departments VALUES ('d011', 'Marketing and Sales')
[2017-11-09 13:46:44] 1 row affected in 25ms
```

3. Move all employees from the old departments to the new departments

```
UPDATE IGNORE dept_emp
SET dept_no = 'd010'
WHERE dept_no = 'd005' OR dept_no = 'd008';
UPDATE IGNORE dept_emp
5 SET dept_no = 'd011'
WHERE dept_no = 'd001' OR dept_no = 'd007';
```

```
[2017-11-09 13:53:00] 72456 rows affected in 2s 597ms
[2017-11-09 13:52:57] 106833 rows affected in 6s 227ms
```

4. Move all managers from the old departments to the new departments

```
UPDATE IGNORE dept_manager
SET dept_no = 'd010'
WHERE dept_no = 'd005' OR dept_no = 'd008';
UPDATE IGNORE dept_manager
5 SET dept_no = 'd011'
WHERE dept_no = 'd001' OR dept_no = 'd007';
```

```
sql> UPDATE IGNORE dept_manager
SET dept_no = 'd010'
WHERE dept_no = 'd005' OR dept_no = 'd008'
[2017-11-09 13:48:47] 4 rows affected in 33ms
sql> UPDATE IGNORE dept_manager
SET dept_no = 'd011'
WHERE dept_no = 'd001' OR dept_no = 'd007'
[2017-11-09 13:48:51] 4 rows affected in 20ms
```

5. Delete old departments

```
DELETE FROM departments
WHERE dept_no = 'd005' OR dept_no = 'd008' OR dept_no = 'd001' OR dept_no = 'd007';
```

```
sql> DELETE FROM departments
WHERE dept_no = 'd005' OR dept_no = 'd008' OR dept_no = 'd001' OR dept_no = 'd007'
[2017-11-09 13:55:54] 4 rows affected in 102ms
```