

# **MI 1.02: Report #1**

Due on Tuesday, November 7, 2017

*Nghiem Thi Phuong 5:30pm*

**Cao Anh Quan**

## Problem 1

Import the database to mysql

```
mysql < employees.sql
```

```
[vagrant@homestead:~/test_db$ mysql < employees.sql
INFO
CREATING DATABASE STRUCTURE
INFO
storage engine: InnoDB
INFO
LOADING departments
INFO
LOADING employees
INFO
LOADING dept_emp
INFO
LOADING dept_manager
INFO
LOADING titles
INFO
LOADING salaries
data_load_time_diff
00:00:30
```

---

## Problem 2

```
mysql -t < test_employees_md5.sql
```

```
[vagrant@homestead:~/test_db$ mysql -t < test_employees_md5.sql
+-----+
| INFO |
+-----+
| TESTING INSTALLATION |
+-----+
+-----+-----+-----+
| table_name | expected_records | expected_crc |
+-----+-----+-----+
| employees  | 300024           | 4ec56ab5ba37218d187cf6ab09ce1aa1 |
| departments | 9                | d1af5e170d2d1591d776d5638d71fc5f |
| dept_manager | 24               | 8720e2f0853ac9096b689c14664f847e |
| dept_emp    | 331603           | ccf6fe516f990bdaa49713fc478701b7 |
| titles      | 443308           | bfa016c472df68e70a03facafa1bc0a8 |
| salaries    | 2844047          | fd220654e95aea1b169624ffe3fca934 |
+-----+-----+-----+
+-----+-----+-----+
| table_name | found_records   | found_crc |
+-----+-----+-----+
| employees  | 300024          | 4ec56ab5ba37218d187cf6ab09ce1aa1 |
| departments | 9               | d1af5e170d2d1591d776d5638d71fc5f |
| dept_manager | 24              | 8720e2f0853ac9096b689c14664f847e |
| dept_emp    | 331603          | ccf6fe516f990bdaa49713fc478701b7 |
| titles      | 443308          | bfa016c472df68e70a03facafa1bc0a8 |
| salaries    | 2844047         | fd220654e95aea1b169624ffe3fca934 |
+-----+-----+-----+
+-----+-----+-----+
| table_name | records_match | crc_match |
+-----+-----+-----+
| employees  | OK            | ok        |
| departments | OK            | ok        |
| dept_manager | OK            | ok        |
| dept_emp    | OK            | ok        |
| titles      | OK            | ok        |
| salaries    | OK            | ok        |
+-----+-----+-----+
+-----+-----+
| computation_time |
+-----+-----+
| 00:00:09         |
+-----+-----+
+-----+-----+
| summary | result |
+-----+-----+
| CRC     | OK     |
| count   | OK     |
+-----+-----+
vagrant@homestead:~/test_db$
```