

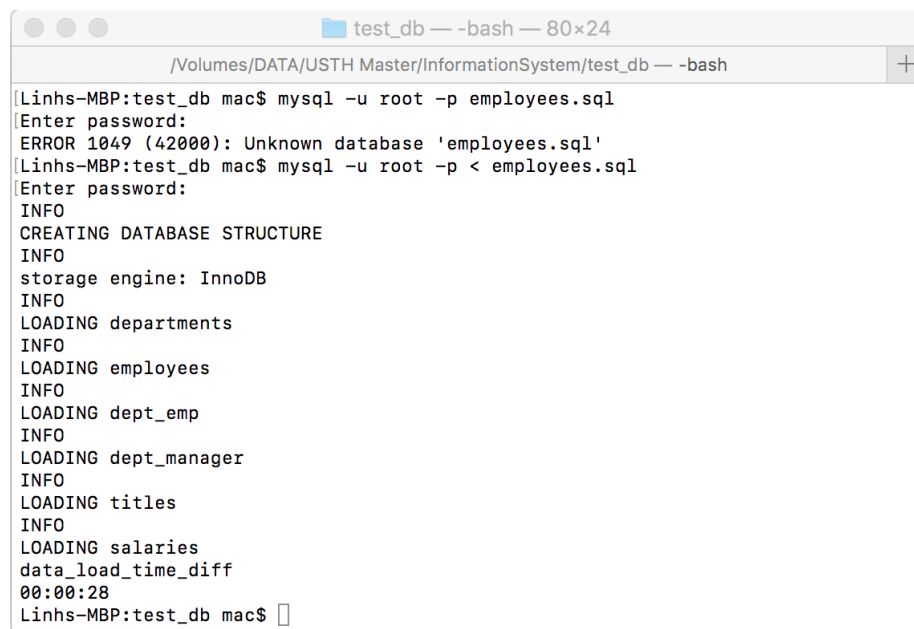
Report.1.Install

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1 Installation

```
mysql -u root -p < employees.sql
```

A terminal window titled 'test_db — -bash — 80x24' with a path of '/Volumes/DATA/USTH Master/InformationSystem/test_db — -bash'. The terminal shows the execution of 'mysql -u root -p employees.sql'. It prompts for a password, then shows an error: 'ERROR 1049 (42000): Unknown database 'employees.sql''. The user then runs 'mysql -u root -p < employees.sql', which again prompts for a password. After the password is entered, the terminal displays the following output:

```
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
00:00:28
Linhs-MBP:test_db mac$
```

2 Testing the installation

```
mysql -u root -p -t < test_employees_md5.sql
```

```
test_db — -bash — 144x49
/Volumes/DATA/USTH Master/InformationSystem/test_db — -bash
Linhs-MBP:test_db mac$ mysql -u root -p -t < test_employees_md5.sql
Enter password:
+-----+
| 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 | bfa016c472df68e78a03faca1bc0a8 |
| salaries | 2844047 | fd220654e95aee1b169624ffe3fca934 |
+-----+-----+-----+
+-----+-----+-----+
| table_name | found_records | found_crc |
+-----+-----+-----+
| employees | 300024 | 4ec56ab5ba37218d187cf6ab09ce1aa1 |
| departments | 9 | d1af5e170d2d1591d776d5638d71fc5f |
| dept_manager | 24 | 8720e2f0853ac9096b689c14664f847e |
| dept_emp | 331603 | ccf6fe516f990bdaa49713fc478701b7 |
| titles | 443308 | bfa016c472df68e78a03faca1bc0a8 |
| salaries | 2844047 | fd220654e95aee1b169624ffe3fca934 |
+-----+-----+-----+
+-----+-----+-----+
| 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 |
+-----+
| 00:00:10 |
+-----+
+-----+
| summary | result |
+-----+-----+
| CRC | OK |
| count | OK |
+-----+-----+
Linhs-MBP:test_db mac$
```