

1.

```
mysql> select * from assignment;
```

assignment_name	unit_code	unit_name	due_date
Cloud Essay	CITS5503	Cloud Computing	2017-09-24
Cloud Lab	CITS5503	Cloud Computing	2017-11-12

```
2 rows in set (0.01 sec)
```

```
mysql> INSERT INTO assignment (assignment_name, unit_code, unit_name, due_date) ]
VALUES('Design Project', 'CITS5552', 'Software Design', '2017-11-30');
Query OK, 1 row affected (0.02 sec)
```

```
mysql> select * from assignment;
```

assignment_name	unit_code	unit_name	due_date
Cloud Essay	CITS5503	Cloud Computing	2017-09-24
Cloud Lab	CITS5503	Cloud Computing	2017-11-12
Design Project	CITS5552	Software Design	2017-11-30

```
3 rows in set (0.00 sec)
```

```
mysql>
```

2.

```
mysql> INSERT INTO unit (unit_name, unit_code, faculty) VALUES ('Design Project', 'CITS5552', 'Computer Science and Software Engineering');
ERROR 1062 (23000): Duplicate entry 'CITS5552' for key 'PRIMARY'
mysql> ALTER TABLE assignment ADD FOREIGN KEY (unit_code) REFERENCES unit(unit_code);
Query OK, 3 rows affected (0.04 sec)
Records: 3 Duplicates: 0 Warnings: 0
```

```
mysql> UPDATE assignment SET unit_code = 'CITS5503' WHERE assignment_name = 'Cloud Essay';
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0
```

```
mysql> SELECT assignment_name, unit_name, faculty, due_date FROM assignment
-> JOIN unit ON assignment.unit_code = unit.unit_code;
```

assignment_name	unit_name	faculty	due_date
Cloud Essay	Cloud Computing	Computer Science and Software Engineering	2017-09-24
Cloud Lab	Cloud Computing	Computer Science and Software Engineering	2017-11-12
Design Project	Design Project	Computer Science and Software Engineering	2017-11-30

```
3 rows in set (0.00 sec)
```

```
mysql>
```

3. 5 ROWS EFFECTED

```
2006-02-15 05:03:42 | 1000 | ZORRO ARK | A Intrepid Panorama of a Mad Scientist And a Boy who must Redeem a Boy in A Monastery | NULL | 3 | 4.99 | 50 | 18.99 | NC-17 | Trailers,Commentaries,Behind the Scenes |
2006-02-15 05:03:42 | 1 | 1000 | ZORRO ARK | A Intrepid Panorama of a Mad Scientist And a Boy who must Redeem a Boy in A Monastery | NULL | 3 | 4.99 | 50 | 18.99 | NC-17 | Trailers,Commentaries,Behind the Scenes |

1000 rows in set (0.01 sec)

mysql> SELECT first_name, last_name, title FROM actor JOIN film_actor ON actor.actor_id = film_actor.actor_id JOIN film ON film_actor.film_id = film.film_id WHERE actor.actor_id = 1 and film.title = 'Zoolander Fiction';
Empty set (0.00 sec)

mysql> SELECT first_name, last_name, title FROM actor JOIN film_actor ON actor.actor_id = film_actor.actor_id JOIN film ON film_actor.film_id = film.film_id WHERE actor.actor_id = 1 and film.title = 'ZOO LANDER FICTION';
Empty set (0.00 sec)

mysql> SELECT first_name, last_name, title FROM actor JOIN film_actor ON actor.actor_id = film_actor.actor_id JOIN film ON film_actor.film_id = film.film_id WHERE film.title = 'ZOO LANDER FICTION';
+-----+-----+-----+
| first_name | last_name | title |
+-----+-----+-----+
| CARMEN | HUNT | ZOO LANDER FICTION |
| MARY | TANDY | ZOO LANDER FICTION |
| PENELOPE | CROWNN | ZOO LANDER FICTION |
| WHOOPI | HURT | ZOO LANDER FICTION |
| JADA | RYDER | ZOO LANDER FICTION |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

4.

```
local 0.078GB
[> use products
switched to db products
> db.products.insert([
... {name: "ticket", movieTitle: "The Emoji Movie"},
... {name: "popcorn", size: "large"},
... {name: "drink", size: 375}
... ]);
BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 3,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
  "nRemoved" : 0,
  "upserted" : [ ]
})
[> db.products.find()
{ "_id" : ObjectId("59e2fbb422d14f30bb60bf4e"), "name" : "ticket", "movieTitle" : "The Emoji Movie" }
{ "_id" : ObjectId("59e2fbb422d14f30bb60bf4f"), "name" : "popcorn", "size" : "large" }
{ "_id" : ObjectId("59e2fbb422d14f30bb60bf50"), "name" : "drink", "size" : 375 }
[> db.products.find( { size: { $lt: 500 } } )
{ "_id" : ObjectId("59e2fbb422d14f30bb60bf50"), "name" : "drink", "size" : 375 }
[> db.products.find({}).sort( { size: -1 } )
{ "_id" : ObjectId("59e2fbb422d14f30bb60bf4f"), "name" : "popcorn", "size" : "large" }
{ "_id" : ObjectId("59e2fbb422d14f30bb60bf50"), "name" : "drink", "size" : 375 }
{ "_id" : ObjectId("59e2fbb422d14f30bb60bf4e"), "name" : "ticket", "movieTitle" : "The Emoji Movie" }
>
```

5.

```
ubuntu@ip-172-31-11-69: ~ — ssh -i huai.pem ubuntu@ec2-54-252-128-224...
^
cits5503=# CREATE TABLE customer_22017827
cits5503=# (first_name VARCHAR(30),
cits5503=# last_name VARCHAR(30),
cits5503=# company_name VARCHAR(30),
cits5503=# address VARCHAR(30),
cits5503=# city VARCHAR(30),
cits5503=# county VARCHAR(30),
cits5503=# state CHAR(2),
cits5503=# zip VARCHAR(10),
cits5503=# phone1 CHAR(14),
cits5503=# phone2 CHAR(14),
cits5503=# email VARCHAR(100),
cits5503=# web VARCHAR(100) );
CREATE TABLE
cits5503=# /d
cits5503=# \d
List of relations
 schema | name | type | owner
-----+-----+-----+-----
 public | custmer_21885263 | table | root
 public | customer_1 | table | root
 public | customer_2 | table | root
 public | customer_20933987 | table | root
 public | customer_21804416 | table | root
 public | customer_21808322 | table | root
 public | customer_22017827 | table | root
 public | customer_22357815 | table | root
(8 rows)

cits5503=#
```

6.

← → ↻ 安全 | https://pgweb-demo.herokuapp.com

cits5503

public

Tables (8)

customer_21885263

customer_1

customer_2

customer_20933987

customer_21804416

customer_21808322

customer_22017827

customer_22357815

Views (0)

Materialized Views (0)

Sequences (0)

Table Information

Size:

Data size:

Index size:

Estimated rows:

Rows

Structure

Indexes

Constraints

SQL Query

History

Activity

Connection

Connect

Disconnect

Search

Select filter

Search query

Apply

✕

1 rows

< 1 of 1 >

first_name	last_name	company_name	address	city	county	state	zip	phone1	phone2	email	web
James	Batt	Benton John B Jr	6649 N Blue Gum St	New Orleans	Orleans	LA	70116	504-621-8927	504-845-1427	jbatt@gmail.com	http://www.ber