SQL QUERIES

CREATE DB

```
WMySQL returned an empty result set (i.e. zero rows). (Query took 0.0019 seconds.)

CREATE DATABASE ER_MODEL;

[Edit inline] [Edit] [Create PHP code]

▲ Error: #1046 No database selected
```

CREATE TABLE

INSERT



ALTER

```
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0450 seconds.)

ALTER TABLE `managers` ADD FOREIGN KEY (`id`) REFERENCES login(`id`);

[Edit inline] [Edit] [Create PHP code]

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0455 seconds.)

ALTER TABLE managers DROP PRIMARY KEY;

[Edit inline] [Edit] [Create PHP code]
```

DROP TABLE

```
Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0111 seconds.)

DROP table users;

[Edit inline] [Edit] [Create PHP code]
```

DROP

```
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0455 seconds.)
ALTER TABLE managers DROP PRIMARY KEY;
[Edit inline] [Edit] [Create PHP code]
```

DELETE

PRIMARY KEY

```
Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0346 seconds.)

ALTER TABLE managers ADD PRIMARY KEY(name);

[Edit inline] [Edit] [Create PHP code]
```

FOREIGN KEY

```
Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0450 seconds.)

ALTER TABLE `managers` ADD FOREIGN KEY (`id`) REFERENCES login(`id`);

[Edit inline] [Edit] [Create PHP code]
```

UPDATE

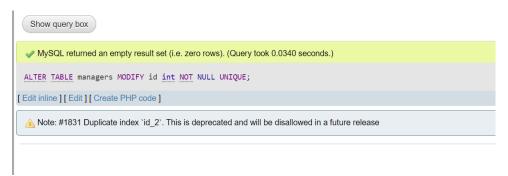
```
Show query box

1 row affected. (Query took 0.0246 seconds.)

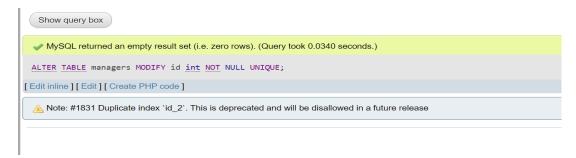
UPDATE managers SET name='virat' WHERE id=200;

[Edit inline] [Edit] [Create PHP code]
```

NOT NULL



UNIQUE



WHERE



JOIN



user_id	email	user_name	managername	manager_id
100	aby@gmail.com	aby	virat	200
101	alex@gmail.com	alex	raveen	200
102	rakesh@gmail.com	rakesh	kumar	200
103	yadu@gmail.com	yadu	virat	200
104	vimal@gmail.com	vimal	kumar	200
100	aby@gmail.com	aby	virat	201
101	alex@gmail.com	alex	raveen	201
102	rakesh@gmail.com	rakesh	kumar	201
103	yadu@gmail.com	yadu	virat	201
104	vimal@gmail.com	vimal	kumar	201
100	aby@gmail.com	aby	virat	202
101	alex@gmail.com	alex	raveen	202
102	rakesh@gmail.com	rakesh	kumar	202
103	yadu@gmail.com	yadu	virat	202
104	vimal@gmail.com	vimal	kumar	202
100	aby@gmail.com	aby	virat	203
101	alex@gmail.com	alex	raveen	203
102	rakesh@gmail.com	rakesh	kumar	203
■ Console				

INNER JOIN



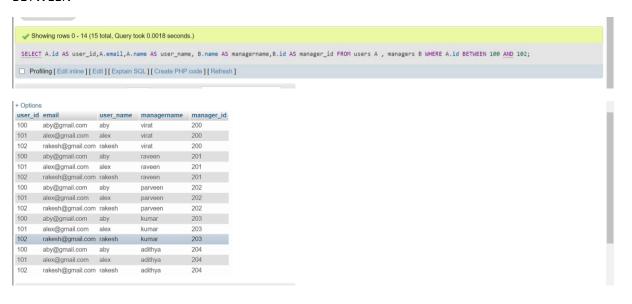
LEFT JOIN



RIGHT JOIN



BETWEEN



CHECK

```
Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0055 seconds.)

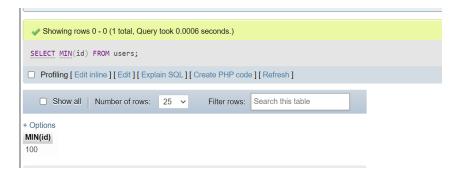
ALTER TABLE users MODIFY id int NOT NULL CHECK(id>=100);

[Edit inline] [Edit] [Create PHP code]
```

MAX



MIN



AVG



COUNT

```
Your SQL query has been executed successfully.

SELECT COUNT(*) FROM login;

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

+ Options

COUNT(*)

10
```

GROUP BY ,ORDER BY



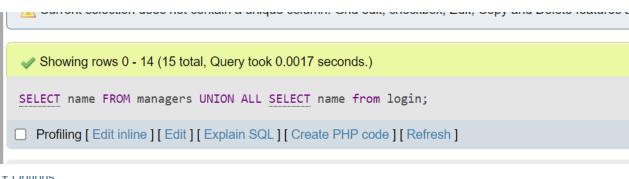
HAVING



UNION



UNION ALL



+ Options name adithya kumar parveen raveen virat aby alex rakesh yadu vimal virat raveen parveen kumar adithya

INTERSECT



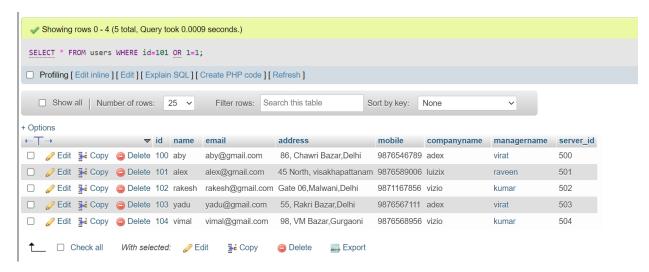
LIKE



EXCEPT



SQL INJECTION



AUTO_INCREMENT

```
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0068 seconds.)

ALTER TABLE `users` CHANGE `id` `id` INT(11) NOT NULL AUTO_INCREMENT;

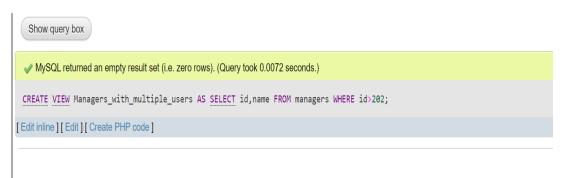
[Edit inline] [Edit] [ Create PHP code]

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0065 seconds.)

ALTER TABLE `users` AUTO_INCREMENT=100;

[Edit inline] [Edit] [ Create PHP code ]
```

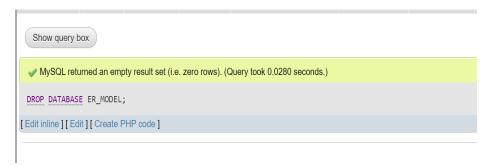
VIEW



EXISTS



DROP



BACKUP

BACKUP DATABASE ER_MODEL TO DISK='filepath';

```
CREATE TABLE login (
  id INT PRIMARY KEY,
  password text,
  user name varchar(20),
  expiry_date date,
  initiation date date
  );
  INSERT INTO login('id', 'password', 'user name', 'expiry date', 'initiation date') VALUES
(100, 'aby@123', 'aby', DATE '2020-12-10', DATE '2020-11-06');
  INSERT INTO login('id', 'password', 'user_name', 'expiry_date', 'initiation_date') VALUES
(101, 'alex@123', 'alex', DATE '2020-08-10', DATE '2020-07-06');
  INSERT INTO login('id', 'password', 'user name', 'expiry date', 'initiation date') VALUES
(102, 'rakesh@123', 'rakesh', DATE '2020-05-10', DATE '2020-04-06');
  INSERT INTO login('id', 'password', 'user name', 'expiry date', 'initiation date') VALUES
(103,'yadu@123','yadu',DATE '2020-08-10',DATE '2020-07-06');
  INSERT INTO login('id', 'password', 'user_name', 'expiry_date', 'initiation_date') VALUES
(104, 'vimal@123', 'vimal', DATE '2020-05-10', DATE '2020-04-06');
  INSERT INTO login('id', 'password', 'user name', 'expiry date', 'initiation date') VALUES
(200, 'virat@123', 'virat', DATE '2019-12-10', DATE '2019-11-06');
INSERT INTO login('id', 'password', 'user name', 'expiry date', 'initiation date') VALUES
(201, 'raveen@123', 'raveen', DATE '2019-09-10', DATE '2019-08-06');
  INSERT INTO login('id', 'password', 'user name', 'expiry date', 'initiation date') VALUES
(202, 'parveen@123', 'parveen', DATE '2019-12-15', DATE '2019-11-11');
INSERT INTO login('id', 'password', 'user name', 'expiry date', 'initiation date') VALUES
(203, 'kumar@123', 'kumar', DATE '2019-03-10', DATE '2019-02-06');
  INSERT INTO login('id', 'password', 'user_name', 'expiry_date', 'initiation_date') VALUES
```

(204, 'adithya@123', 'adithya', DATE '2019-12-15', DATE '2019-11-11');

```
CREATE TABLE managers(
  id int UNIQUE,
  name varchar(20) PRIMARY KEY
  );
ALTER TABLE `managers` ADD FOREIGN KEY ('id') REFERENCES login('id');
INSERT INTO managers('id', 'name') VALUES (200, 'amal');
INSERT INTO managers(`id`,`name`) VALUES (201,'raveen');
INSERT INTO managers('id', 'name') VALUES (202, 'parveen');
INSERT INTO managers(`id`,`name`) VALUES (203,'kumar');
INSERT INTO managers('id', 'name') VALUES (204, 'adithya');
CREATE TABLE users (
 id INT PRIMARY KEY,
 name text NOT NULL,
 email text,
 address text,
 mobile INT(10) NOT NULL,
 companyname text,
  managername text
);
ALTER TABLE `users` ADD FOREIGN KEY (`managername`) REFERENCES managers(`name`);
ALTER TABLE 'users' ADD FOREIGN KEY ('id') REFERENCES login('id');
```

```
CREATE TABLE file (
  id int,
  user id int,
  hashvalue int PRIMARY KEY,
  FOREIGN KEY (user_id) REFERENCES users(id)
  );
CREATE TABLE server(
  id int PRIMARY KEY,
  hashvalue int UNIQUE,
  FOREIGN KEY (hashvalue) REFERENCES file(hashvalue)
  );
INSERT INTO file ('id', 'user id', 'hashvalue') VALUES (1,100,11111);
INSERT INTO file ('id', 'user id', 'hashvalue') VALUES (2,101,11112);
INSERT INTO file ('id', 'user_id', 'hashvalue') VALUES (3,102,11113);
INSERT INTO file ('id', 'user_id', 'hashvalue') VALUES (4,103,11114);
INSERT INTO file ('id', 'user_id', 'hashvalue') VALUES (5,104,11115);
INSERT INTO server('id', 'hashvalue') VALUES (500,11111);
INSERT INTO server('id', 'hashvalue') VALUES (501,11112);
INSERT INTO server('id', 'hashvalue') VALUES (502,11113);
INSERT INTO server('id', 'hashvalue') VALUES (503,11114);
INSERT INTO server('id', 'hashvalue') VALUES (504,11115);
INSERT INTO users('id', 'name', 'email', 'address', 'mobile', 'companyname', 'managername')
VALUES (100, 'aby', 'aby@gmail.com', '86, Chawri Bazar, Delhi', 9876567856, 'adex', 'virat', 500);
```

```
ALTER TABLE users ADD server_id int NOT_NULL;
UPDATE `users` SET `server id`=500 WHERE `id`=100;
INSERT INTO users('id', 'name', 'email', 'address', 'mobile', 'companyname', 'managername')
VALUES (101, 'alex', 'alex@gmail.com', '45 North, visakhapattanam'
,9876589006,'luizix','raveen',501);
INSERT INTO users('id', 'name', 'email', 'address', 'mobile', 'companyname', 'managername')
VALUES (102, 'rakesh', 'rakesh@gmail.com', Gate
06, Malwani, Delhi', 9871167856, 'vizio', 'kumar', 502);
INSERT INTO users('id', 'name', 'email', 'address', 'mobile', 'companyname', 'managername')
VALUES (103, 'yadu', 'yadu@gmail.com', '55, Rakri
Bazar, Delhi', 9876567111, 'adex', 'virat', 503);
INSERT INTO users('id', 'name', 'email', 'address', 'mobile', 'companyname', 'managername')
VALUES (104,'vimal','vimal@gmail.com',' 98, VM
Bazar, Gurgaoni', 9876568956, 'vizio', 'kumar'504);
CREATE TABLE permission(
  permission_type text NOT NULL,
 user_id int ,
  manager name VARCHAR(20),
  request datetime datetime NOT NULL,
  request renew datetime datetime NOT NULL,
  FOREIGN KEY (manager name) REFERENCES managers(name),
  FOREIGN KEY (user id) REFERENCES users(id)
 );
```

INSERT INTO permission

('permission_type', 'user_id', 'manager_name', 'request_datetime', 'request_renew_datetime') VALUES ('Access', 100, 'virat', '2021-01-01 13:23:44', '2021-01-03 13:23:44');

INSERT INTO permission

('permission_type', 'user_id', 'manager_name', 'request_datetime', 'request_renew_datetime') VALUES ('Renew', 101, 'raveen', '2021-01-01 11:23:44', '2021-01-03 11:23:44');

INSERT INTO permission

(`permission_type`,`user_id`,`manager_name`,`request_datetime`,`request_renew_datetime`) VALUES ('Access',102,'kumar','2021-01-04 13:23:44','2021-01-06 13:23:44');

INSERT INTO permission

('permission_type', 'user_id', 'manager_name', 'request_datetime', 'request_renew_datetime') VALUES ('Renew', 100, 'virat', '2021-02-01 13:23:44', '2021-02-03 13:23:44');

INSERT INTO permission

(`permission_type`,`user_id`,`manager_name`,`request_datetime`,`request_renew_datetime`) VALUES ('Access',101,'raveen','2021-01-01 13:23:44','2021-01-03 13:23:44');



