CREATE DATABASE fwdclass;

CREATE DATABASE IF NOT EXITS fwdclass;

SHOW DATABASES;

NUMERIC TINYINT, INT, BIGINT, FLOAT;

TEXT CHAR, TEXT, VARCHAR

DATE/TIME DATE, TIME, DATETIME

CREATE TABLE users (

Id INT(10) UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

Name VARCHAR(100) NOT NULL,

Email VARCHAR(50),

Created TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

)

INSERT INTO ‘users’ (‘id’, ‘name’, ‘email’) VALUES (1 , ‘Aung’, ‘Aung@gmail.com’)

SELECT \* FROM `users`;

SELECT \* FROM `users` WHERE id=1;

UPDATE `users` SET `id`=[value-1],`name`=[value-2],`email`=[value-3],`created`=[value-4] WHERE 1;

ALTER TABLE ‘users’ ADD COLUMN ‘phone’ int;

ALTER TABLE ‘users’ CHANGE COLUMN ‘phone’ ‘phone\_number’ int;

RENAME TABLE ‘test’ to ‘testing’;

DROP TABLE ‘testing’;

SELECT name,email from ‘user’;

SELECT \* from users where name=’hlaing’;

SELECT \* from users where id=1 && name=’hlaing’;

SELECT \* from users where id IN(1,2,3);

SELECT \* from users where id=1 or id=2;

SELECT \* from users where id NOT IN(1,2,3);

SELECT \* from users LIMIT 5;

SELECT \* from users LIMIT 2,5;

SELECT \* from users GROUP BY ‘name’ HAVING ‘age’=20;

SELECT \* FROM ‘users’ WHERE id != 1 AND id !=2;

SELECT COUNT(\*) FROM users;

SELECT DISTINCT ‘email’ FROM users;

SELECT MIN(‘age’) from users;

SELECT MAX(‘age’) from users;

SELECT SUN(‘age’) from users;

SELECT AVG(‘age’) from users;

**Inner Join**

SELECT \* FROM class INNER JOIN users ON class.id = users.class\_id

(Return the exact same result only)

**Left Join**

SELECT \* FROM class LEFT JOIN users ON class.id = users.class\_id

(return all data from left table)

**Right Join**

SELECT \* FROM class RIGHT JOIN users ON class.id = users.class\_id

(return all data from right table)

**Full Outer Join**

SELECT \* FROM class LEFT JOIN users ON class.id = users.class\_id

UNION

SELECT \* FROM class RIGHT JOIN users ON class.id = users.class\_id

SELECT \* from users LIMIT 2;

SELECT \* from users LIMIT 2,2;

SELECT \* from users ORDER BY ‘id’ DESC;

SELECT \* FROM ‘users’ WHERE name LIKE ‘hla’;

SELECT \* FROM ‘users’ WHERE name LIKE ‘%hla%’;

SELECT ‘age’ from users GROUP BY ‘age’;

SELECT \* from users GROUP BY ‘age’ HAVING ‘age’=20;

SELECT \* from users GROUP BY ‘id’ HAVING ‘age’=21;