**All Query**

**DATABASE:**

When trying to create a new Database then this query:

* create database

**CREATE** **DATABASE** employee;

When trying to show the list of Database:

* show all database

**show** **databases**;

**TABLE:**

**show** tables; //all tables show

**create** **table** info\_farhad(

ID **int** **primary** **key**, name **varchar** (50), age **int** (2), phoneNo **varchar** (50), address **varchar** (50));

**create** **table** PersonTwo(PersonID **int** **primary** **key** **auto\_increment**, PersonName **varchar**(100) **not** **null**, Address **varchar**(100), Passport **varchar**(100) **unique**, Salary **decimal**(10,2) **default** 4000);

**primary** **key-----**

**auto\_increment-----**

**unique--------**

* Show the table details:

**select** \* **from** info\_farhad;

**TRUNCATE**

* Delete All Data Inside The Table, But Not The Table

**SELECT** **Concat**('TRUNCATE TABLE ', TABLE\_NAME)

**FROM** INFORMATION\_SCHEMA.TABLES

**WHERE** table\_schema = 'info\_client';

**TRUNCATE** **TABLE** info\_farhad;

**TRUNCATE** **TABLE** info\_kazishayem;

**TRUNCATE** **TABLE** info\_office;

**Describe**

* **Describe** table —datatype; field name; primary or not null or not null

**DESCRIBE** info\_farhad;

**Drop table:**

**DROP** **TABLE** info\_farhad;

**INSERT**

**insert** **into** info\_farhad (ID, name, age, phoneNo, address)

**values**(1,"kazi",20,"01881166493","Barisal");

**UPDATE**

UPDATE assign

SET FirstName='KAZI', LastName='ABRAR', Address='Didar'

where ID =15;

**DELETE**

delete from assign WHERE id=13;

**ALTER**:

It’s Works for Add, Drop, And Modify Column

**alter** **table** info\_Office **drop** NID; //Drop

**alter** **table** info\_Office **add** **column** NID **varchar** (60) **not** **null** **after** age; //add

**RENAME:**

**RENAME** **TABLE** info\_kazi **TO** info\_ kazishayem; //Table Name

**ALTER** **TABLE** info\_kazi **RENAME** **COLUMN** name **TO** Client\_name; //Column Name

**Constraints**

The following are the most common constraints used in MySQL:

* NOT NULL
* CHECK
* DEFAULT
* PRIMARY KEY
* AUTO\_INCREMENT
* UNIQUE
* INDEX
* ENUM
* FOREIGN KEY

**CLAUSES**

**Where:**

**SELECT** \* **FROM** info\_office

**WHERE** age = 24;

**JOIN**

**INNER JOIN:**

**SELECT** info\_kazishayem.id, info\_office.name

**FROM** info\_kazishayem

**INNER** **JOIN** info\_office

**ON** info\_kazishayem.id = info\_office.id;

**LEFT JOIN:**

**SELECT** info\_kazishayem.id, info\_kazishayem. Client\_name ,info\_office.Salary

**FROM** info\_kazishayem

**LEFT** **JOIN** info\_office **ON** info\_kazishayem.id = info\_office.id;

**RIGHT JOIN:**