**Deleting table from database**

Sql query : drop table *table\_name*

Example : drop table userlist

**Primary keys**

The PRIMARY KEY constraint uniquely identifies each record in a database table.Primary keys must contain UNIQUE values, and cannot contain NULL values. Only one column is allowed as primary key.

Sql query :

create table userlist(id int primary key, name text, email text)

Use desc userlist to know primary column cannot be null

Example :

create table userlist(id int primary key, name text, email text) //table created

Inserting a row

//below query will execute

insert into userlist (id, name, email) values (2, "viju" , "[viju@gmail.com](mailto:viju@gmail.com)")

//will not execute, duplicates not allowed, must be unique

insert into userlist (id, name, email) values (2, "mani" , "[mani@gmail.com](mailto:mani@gmail.com)")

//below example will not execute null primary key not allowed,

insert into userlist (id, name, email) values (*null*, "viju" , "viju@gmail.com")

Note : don’t use duplicate text along with primary key eg : bob\_123 , bob is a name which will be saved in separate column (user name column)

**Auto Increment**

Auto-increment allows a unique number to be generated automatically when a new record is inserted into a table.

Example :

create table userlist (id int primary key *auto\_increment*, name text)

Inserting two rows into userlist table

insert into userlist (name) values ("kumar");

insert into userlist (name) values ("rick");

Use query select \* from userlist to know ids of two rows

**Narrowing down select statements using where clause**

select \* from userlist where name = "kumar"

select \* from userlist where id = 1

**Deleting a row from table**

delete from userlist where name = "kumar"

delete from userlist where id = "1"

**Exporting and Importing Data**

The process of compiling all the information required to create another identical database, in a *dump* file, is referred as "*Exporting a database*".

This feature is useful:

* as it is recommended to periodically retrieve all the data contained in our database, to make a backup
* sometimes you simply need to switch to another database.

**How to Export database**

* Open MySql workbench
* Goto Management window which is located in left pane of Mysql workbench
* Under Management you will find Data Export option. Click on it.
* Data Export window will appear. It will show the list of existing databases.
* Select which database you want to export, you will get list of tables present in this database. Select which tables you want to export.
* Select destination folder under Export to Dump project folder option

Importing .sql file

* Open MySql workbench
* Goto Management window which is located in left pane of Mysql workbench
* Under Management you will find Data Import/Restore option. Click on it.
* Browse and select .sql file

Example:

* Export a single table into .sql file
* Drop the table from database
* Now import .sql file