**SQL Commands**

* ***To create a database –* create database <database name>;**
* ***To show a database –* show databases;**
* ***To use a database –* use <database name>;**
* ***To create a table –* create table <table name> (<column name> <data type>, …, <column name> <data type>);**
* ***To show the structure of a table –* desc <table name>;**
* ***To change the name of the table –* alter table <table name> rename to <new table name>;**
* ***To show the tables in the database –* show tables;**
* ***To create a table taking columns from another table –* create table <new table name> as select <column names> from <old table name>;**
* ***To delete a table –* drop table <table name>;**
* ***To add one column to a table –* alter table <table name> add column <column name> <datatype>;**
* ***To add multiple columns to a table –* alter table <table name> add column (<column name> <datatype>);**
* ***To delete one column from a table –* alter table <table name> drop column <column name>;**
* ***To delete multiple columns from a table –* alter table <table name> drop column <column name>, drop column <column name>;**
* ***To add and delete in a single operation –* alter table <table name> add <column name> <datatype>, drop column <column name>;**
* ***To change the datatype of a column –* alter table <table name> modify column <column name> <new datatype>;**
* ***To rename a column –* alter table <table name> change <column name> <new column name>**
* **<new datatype>;**
* ***To insert values in a table –* insert into <table name> values (‘<value1>’, ‘<value2>, … ‘<valuen>’);**
* ***To display all details of the table –* select \* from <table name>;**
* ***To display a particular column –* select <column name> from <table name>;**
* ***To display rows with particular conditions –* select \* from <table name> where <condition>;**
* ***To display distinct number of rows (without repeating) -* select distinct <column name> from <table name>;**
* ***To change to not null –* alter table <table name> modify <column name> <datatype> not null;**
* ***To count the number of rows in the table –* select count(\*) from <table name>;**
* ***To display details except one particular condition –* select \* from <table name> where not <condition>;**
* ***To update info in a table –* update <table name> set <column name> = <new> where <condition>;**
* ***To delete a row from a table –* delete from <table name> where <condition>;**
* ***To set unique constraint –* alter table <table name> add constraint <constraint name> unique (<column name>);**
* ***To drop unique constraint* – alter table <table name> drop index <constraint name>;**
* ***To set primary key constraint* – alter table <table name> add constraint <constraint name> primary key (<column name>);**
* ***To drop primary key constraint* – alter table <table name> drop primary key;**
* ***To set foreign key constraint* – alter table <child table name> add constraint <constraint name> foreign key (<column name in child table>) references <parent table name> (<primary key of parent table>);**
* ***To drop foreign key constraint* – alter table <child table name> drop foreign key <constraint name>;**
* ***To set check constraint* – alter table <table name> add constraint <constraint name> check (conditions);**
* ***To drop check constraint* – alter table <table name> drop check <constraint name>;**
* ***To set default constraint* – alter table <table name> alter <column name> set default ‘<default value>’;**
* ***To drop default constraint* – alter table <table name> alter <column name> drop default;**