MySQL Commands Cheat Sheet

-- Database-Level

DROP DATABASE *databaseName*	-- Delete the database (irrecoverable!)
DROP DATABASE IF EXISTS *databaseName*	-- Delete if it exists
CREATE DATABASE *databaseName*	-- Create a new database
CREATE DATABASE IF NOT EXISTS *databaseName*	-- Create only if it does not exists
SHOW DATABASES	--Show all the databases in this server
USE *databaseName*	-- Set the default (current) database
SELECT DATABASE()	-- Show the default database
SHOW CREATE DATABASE *databaseName*	-- Show the CREATE DATABASE statement

-- Table-Level

DROP TABLE [IF EXISTS] *tableName*, ...
CREATE TABLE [IF NOT EXISTS] *tableName*
    (*columnName columnType columnAttribute*, ...
    PRIMARY KEY(*columnName*),
    FOREIGN KEY (*columnNmae*) REFERENCES *tableName* (*columnNmae*)
)

SHOW TABLES	-- Show all the tables in the default database
DESCRIBE|DESC *tableName*	-- Describe the details for a table
ALTER TABLE *tableName* ...	-- Modify a table, e.g., ADD COLUMN and DROP COLUMN

ALTER TABLE *tableName* ADD *columnDefinition*
ALTER TABLE *tableName* DROP *columnName*
ALTER TABLE *tableName* ADD FOREIGN KEY (*columnNmae*) REFERENCES
    tableName (*columnNmae*)
ALTER TABLE *tableName* DROP FOREIGN KEY *constraintName*

SHOW CREATE TABLE *tableName*	-- Show the CREATE TABLE statement for this *tableName*

-- Row-Level

INSERT INTO *tableName*   VALUES (*column1Value*, *column2Value*,...)
    -- Insert on all Columns
INSERT INTO *tableName*   VALUES (*column1Value*, *column2Value*,...), ...
    -- Insert multiple rows
INSERT INTO *tableName* (*column1Name*, ..., *columnNName*)   VALUES
    (*column1Value*, ..., *columnNValue*)   -- Insert on
    selected Columns
DELETE FROM *tableName* WHERE *criteria*
UPDATE *tableName* SET *columnName* = *expr*, ... WHERE *criteria*
SELECT * | *column1Name* AS *alias1*, ..., *columnNName* AS *aliasN*   FROM *tableName*
    WHERE *criteria*   GROUP BY *columnName*   ORDER BY *columnName* ASC|
    DESC, ...   HAVING *groupConstraints*   LIMIT *count* | *offset count*

-- Others

SHOW WARNINGS;	-- Show the warnings of the previous statement

Alter Commands:

The basic syntax of **ALTER TABLE** to add a new column in an existing table is as follows:

ALTER TABLE table_name ADD column_name datatype;

The basic syntax of ALTER TABLE to **DROP COLUMN** in an existing table is as follows:

ALTER TABLE table_name DROP COLUMN column_name;

The basic syntax of ALT1ER TABLE to change the **DATA TYPE** of a column in a table is as follows:

ALTER TABLE table_name MODIFY COLUMN column_name datatype;

The basic syntax of ALTER TABLE to add a **NOT NULL** constraint to a column in a table is as follows:

ALTER TABLE table_name MODIFY column_name datatype NOT NULL;

The basic syntax of ALTER TABLE to **ADD UNIQUE CONSTRAINT** to a table is as follows:

ALTER TABLE table_name ADD CONSTRAINT MyUniqueConstraint UNIQUE(column1, column2...);

The basic syntax of ALTER TABLE to **ADD CHECK CONSTRAINT** to a table is as follows:

ALTER TABLE table_name ADD CONSTRAINT MyUniqueConstraint CHECK (CONDITION);

The basic syntax of ALTER TABLE to **ADD PRIMARY KEY** constraint to a table is as follows:

ALTER TABLE table_name ADD CONSTRAINT MyPrimaryKey PRIMARY KEY (column1, column2...);

The basic syntax of ALTER TABLE to **DROP CONSTRAINT** from a table is as follows:

ALTER TABLE table_name DROP CONSTRAINT MyUniqueConstraint;

The basic syntax of ALTER TABLE to **DROP PRIMARY KEY** constraint from a table is as follows:

ALTER TABLE table_name DROP PRIMARY KEY;

Another useful link is:

http://www.techonthenet.com/mysql/tables/alter_table.php

More commands can be found on GOOGLE ☺ … Keep exploring…!!