# Database

* SQL => structured query language
* DBMS => database management system
* RDBMS => relational database management system (MYSQL)

## MYSQL

* DDL -> data definition language
* CREATE DATABASE `databaseName`
* DROP DATABASE `databaseName`
* CREATE TABLE `tableName` (  
  `columnName1` Datatype Constraints Extras,

`columnName2` Datatype Constraints Extras  
)

* DROP TABLE `tableName`
* ALTER TABLE `tableName` ADD `columnName` Datatype constraints extras
* ALTER TABLE `tableName` CHANGE `columnName` `newColumnName` Datatype Constraints Extras
* ALTER TABLE `tableName` DROP `columnName`
* DML => data manipulation language
* INSERT INTO `tableName` (`columnName1`,`columnName4`) VALUES (‘value1’,’value4’) , ()  
  INSERT INTO `tableName` VALUES (DEFAULT,’value1’,value2,…)
* UPDATE `tableName` SET `columnName1` = ‘value1’ , `columnName2` = ‘value2’  
  UPDATE `tableName` SET `columnName1` = ‘value1’ , `columnName2` = ‘value2’ WHERE condition
* DELETE FROM `tableName`
* DELETE FROM `tableName` WHERE condtion