-SQL => structured query language

-DBMS => database management system

-RDBMS => relational database management system

# 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 `newColumnName` datatype constraints extras
* ALTER TABLE `tableName` CHANGE `oldColumnName` `newColumnName` datatype constraints extras
* ALTER TABLE `tableName` DROP `columnName`
* ALTER TABLE `childTableName` ADD CONSTRAINT `constraintName` FOREIGN KEY(`FKColumn`) REFERENCES `parentTableName`(`primaryKey`) ON DELETE RESTRICT ON UPDATE CASCADE
* TRUNCATE TABLE `tableName`

🡺 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