# Data base

* What is sql ?

Stands for structured query language.

* What is dbms ?

Stands for database management system

* What is rdbms ?

Stands for relational database management system

# Mysql

* CREATE DATABASE `databaseName`; (CREATE DATABASE IF NOT EXISTS `databaseName`)
* DROP DATABASE `databaseName`; (DROP DATABASE IF EXISTS `databaseName`)
* CREATE TABLE `tableName` (  
  `columnName` DataType(length) Attributes Defaults Constraints,

)

* DROP TABLE `tableName`
* ALTER TABLE `tableName` ADD `columnName` DataType(length) Attributes Defaults Constraints
* ALTER TABLE `tableName` DROP `columnName`
* ALTER TABLE `tableName` CHANGE `oldColumnName` `newColumnName` DataType(length) Attributes Defaults Constraints
* ALTER TABLE `tableName` ADD CONSTRAINT `constraintName` FOREIGN KEY(`foreignKeyColumn`) REFERENCES `referenceTableName`(`primaryKey`) ON DELETE RESTRICT ON UPDATE CASCADE
* INSERT INTO `tableName` (`columnName1`,`columnName2`,…) VALUES (‘value1’,’value2’,…)  
  INSERT INTO `tableName` VALUES (value1,’value2’,….), (value1,’value2’,….)
* UPDATE `tableName` SET `columnName` = ‘value1’  
  UPDATE `tableName` SET `columnName` = ‘value1’ WHERE condition
* DELETE FROM `tableName`  
  DELETE FROM `tableName` WHERE conditon
* TRUNCATE TABLE `tableName`

## DAY2