

1. MySql – Introduction

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1. MySql – Introduction

1. MySql

- ✓ MySQL is a relational database management system
- ✓ This is an open-source
- ✓ We can use for both small and large applications
- ✓ It is very fast, reliable, scalable, and easy to use
- ✓ It was first released in 1995
- ✓ MySQL is developed, distributed, and supported by Oracle Corporation
- ✓ MySQL is software, but SQL is a database language.

2. SQL

- ✓ SQL stands for **S**tructured **Q**uery **L**anguage.
- ✓ SQL is a standard language for accessing and manipulating **databases**.

3. Database

- ✓ A Database is an organized collection of structured data stored in a computer.
- ✓ A database is usually controlled by a Database Management System (DBMS).

4. DBMS

- ✓ **D**ata **B**ase **M**anagement **S**ystem is a software which is used to manage the database.

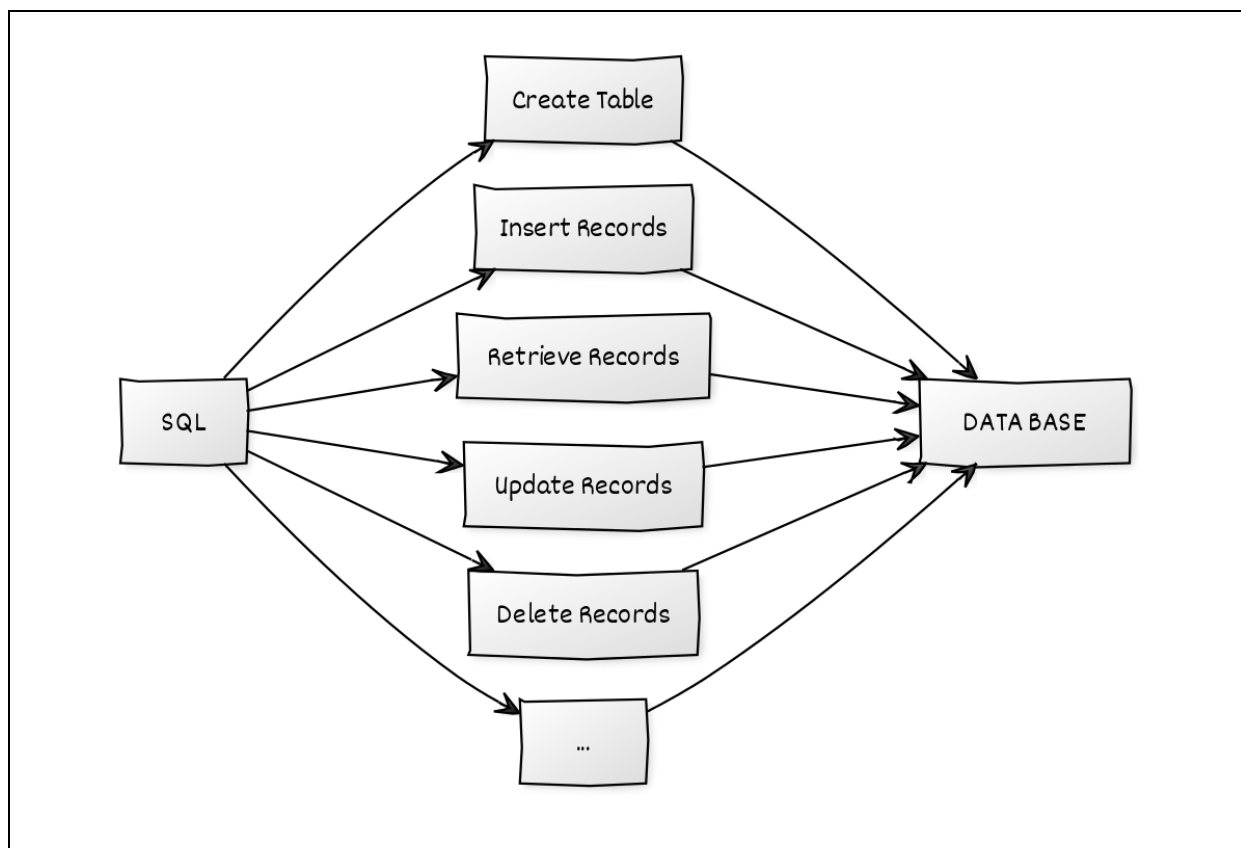
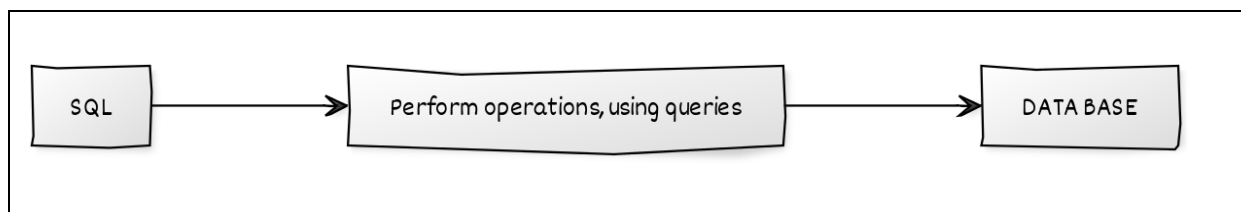
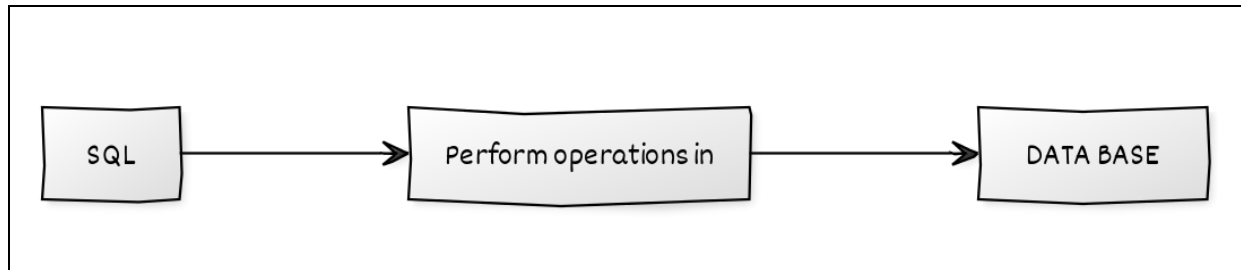
5. RDBMS

- ✓ **R**elational **D**ata **B**ase **M**anagement **S**ystem is a software which is used to manage the database.
- ✓ RDBMS is the basis for SQL, and for all modern database systems such as Oracle, **MySql**, IBM DB2 & etc.
- ✓ In RDBMS the data used to be stored in the form of tables.
 - Table contains rows and columns.

6. Query

- ✓ A query is a request for data from a database table(s)

7. SQL Usage



8. Important SQL Commands

- | | | |
|-------------------|---|-----------------------------------|
| ✓ CREATE DATABASE | - | Creates a new database. |
| ✓ CREATE TABLE | - | Creates a new table. |
| ✓ INSERT INTO | - | Inserts new data into a database. |
| ✓ SELECT | - | Extracts data from a database. |
| ✓ UPDATE | - | Updates data in a database. |
| ✓ DROP TABLE | - | Deletes a table. |
| ✓ DELETE | - | Deletes data from a database. |
| ✓ ALTER DATABASE | - | Modifies a database etc. |