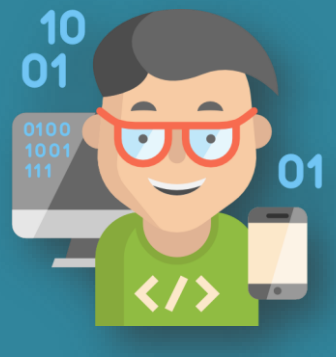

Bank Database Management System

Sampriti Chatterjee (Great Learning)

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What is a Database?

A database is a container where data can be collected systematically. Managing, manipulation of those data are easy

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Example of Databases

Suppose an online telephone directory uses a database to store their data, Like: Name, address. phone numbers, other contact details.

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Example of Databases

Or an online library who has millions of books. In order maintain their data they use database

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What is a Database management System?

A Database Management System (DBMS) is basically a software where you can store, retrieve, define, and manage your data in a database.

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Most used Databases Management systems Software

- MySQL
- Oracle
- PostgreSQL
- SQLite
- Maria DB
- PostgreSQL

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Types of Databases Management systems

- Hierarchical database
- Network database
- Relational database
- Object-Oriented database

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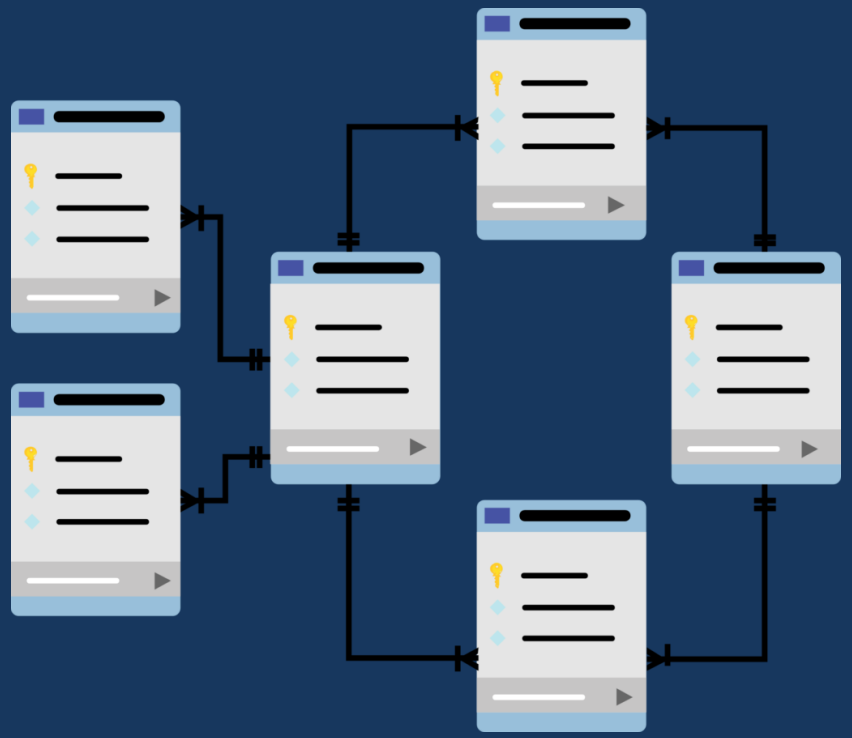
What is Relational Database management System?

A Relational database management system (RDBMS) is used for the database management system (DBMS). The concept is based on the relational model as introduced by E. F. Codd.



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Key Concept In DBMS

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What is Key in RDBMS?

Key concept has an important role in relational database management system. This technique is used for identifying the unique rows from table and also help to establish relationship among the tables

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Types of Key in RDBMS

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What is SQL?

- SQL stands for Structured Query Language
- SQL helps to access and manipulate your databases
- SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987

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Getting started with MySQL

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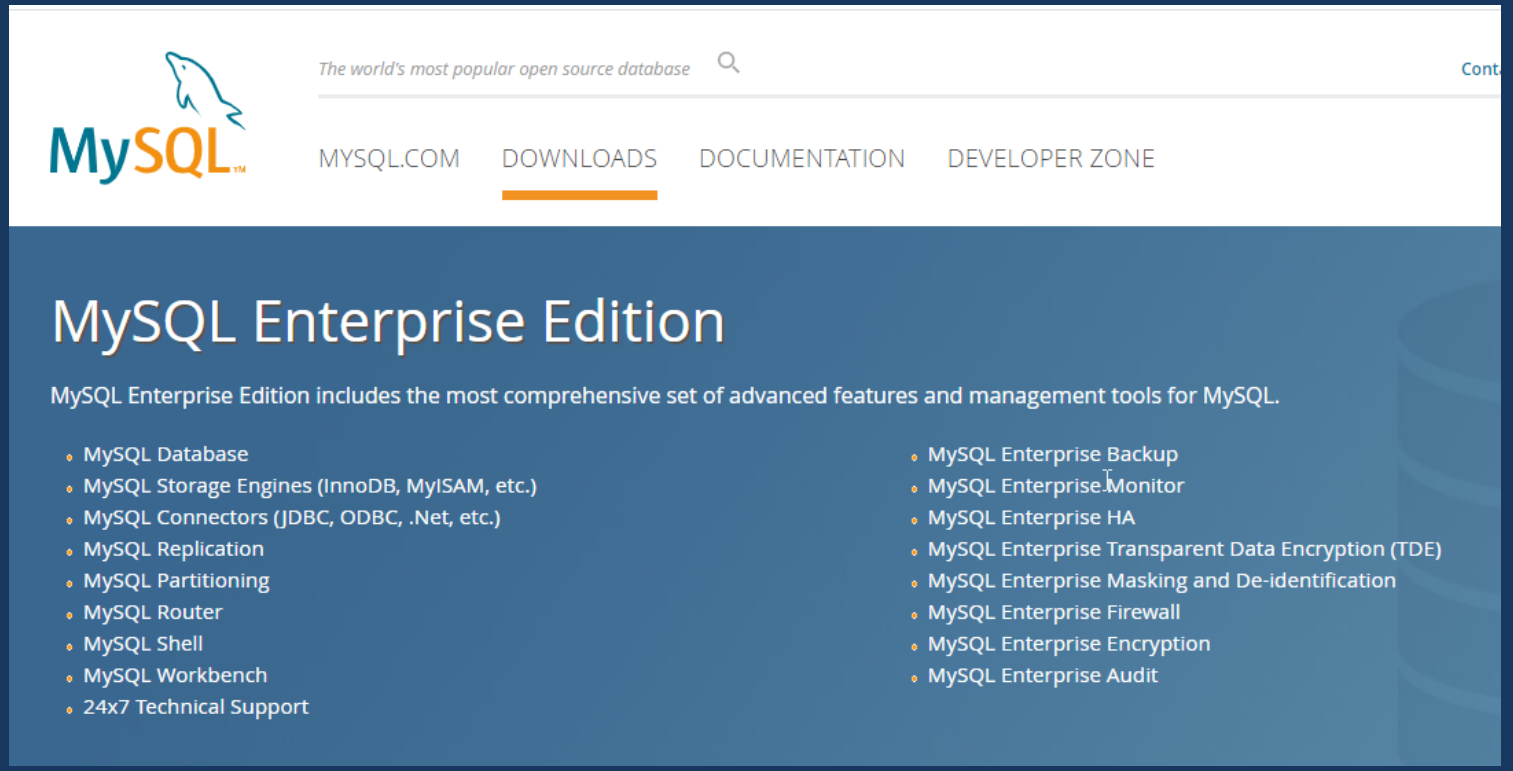
Installing MySQL

This is the site to install MySQL -> https://www.mysql.com/downloads/



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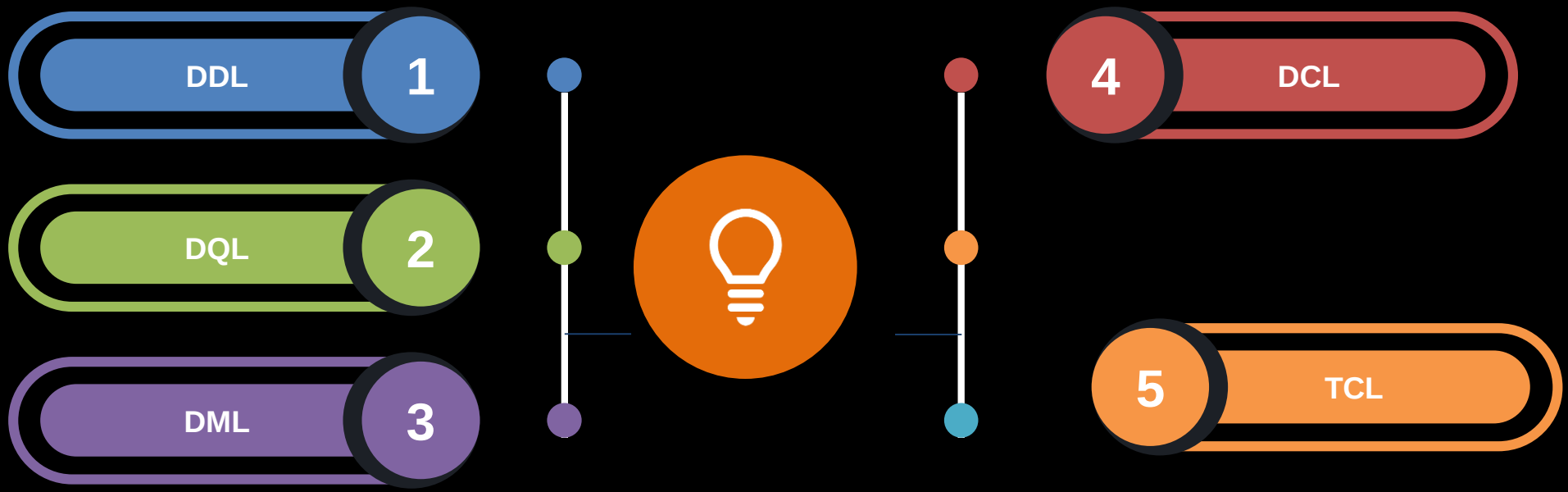
Types of command in MySQL: DDL



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Basic commands for MYSQL

```
INSERT INTO Customers (CustomerName, ContactName, Address, City,
PostalCode, Country)
VALUES (‘Priti', Ms. Chatterjee', ‘4/56 College street
21', ‘Kolkata', ‘70032', ‘India');
```

```
SELECT * FROM Customers
```

```
show databases;
```

```
create database demo;
```

```
use demo;
```

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Bank Database Management System

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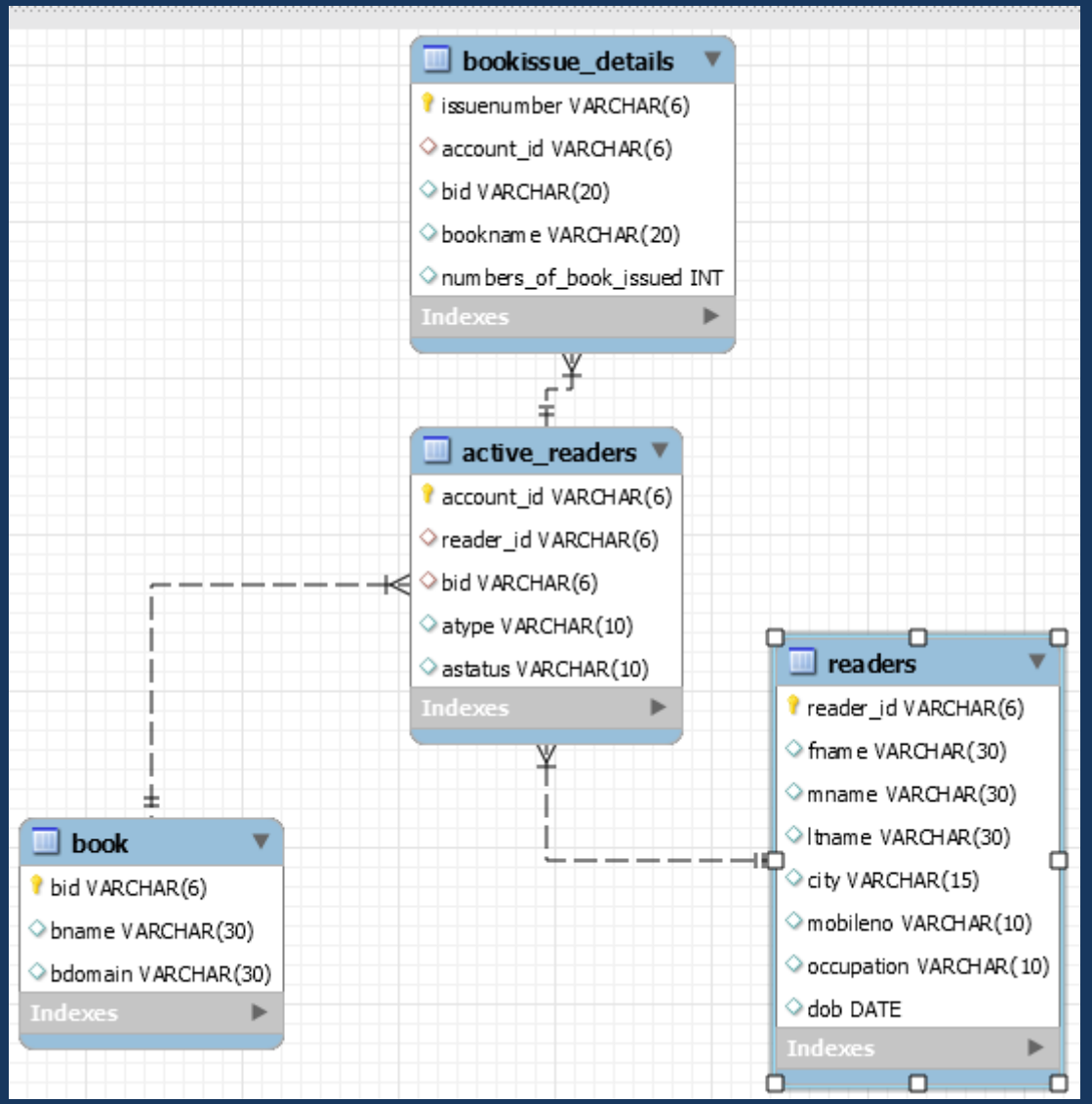
Table schema



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Thank You

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