

SQL

Intro

What is SQL ?

- SQL stands for **S**tructured **Q**uery **L**anguage
- SQL lets you communicate with databases (access and manipulation)
- SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987

What Can SQL do ?

- SQL can execute queries against a database
- SQL can retrieve data from a database
- SQL can insert records in a database
- SQL can update records in a database
- SQL can delete records from a database
- SQL can create new databases
- SQL can create new tables in a database
- SQL can create stored procedures in a database
- SQL can create views in a database
- SQL can set permissions on tables, procedures, and views



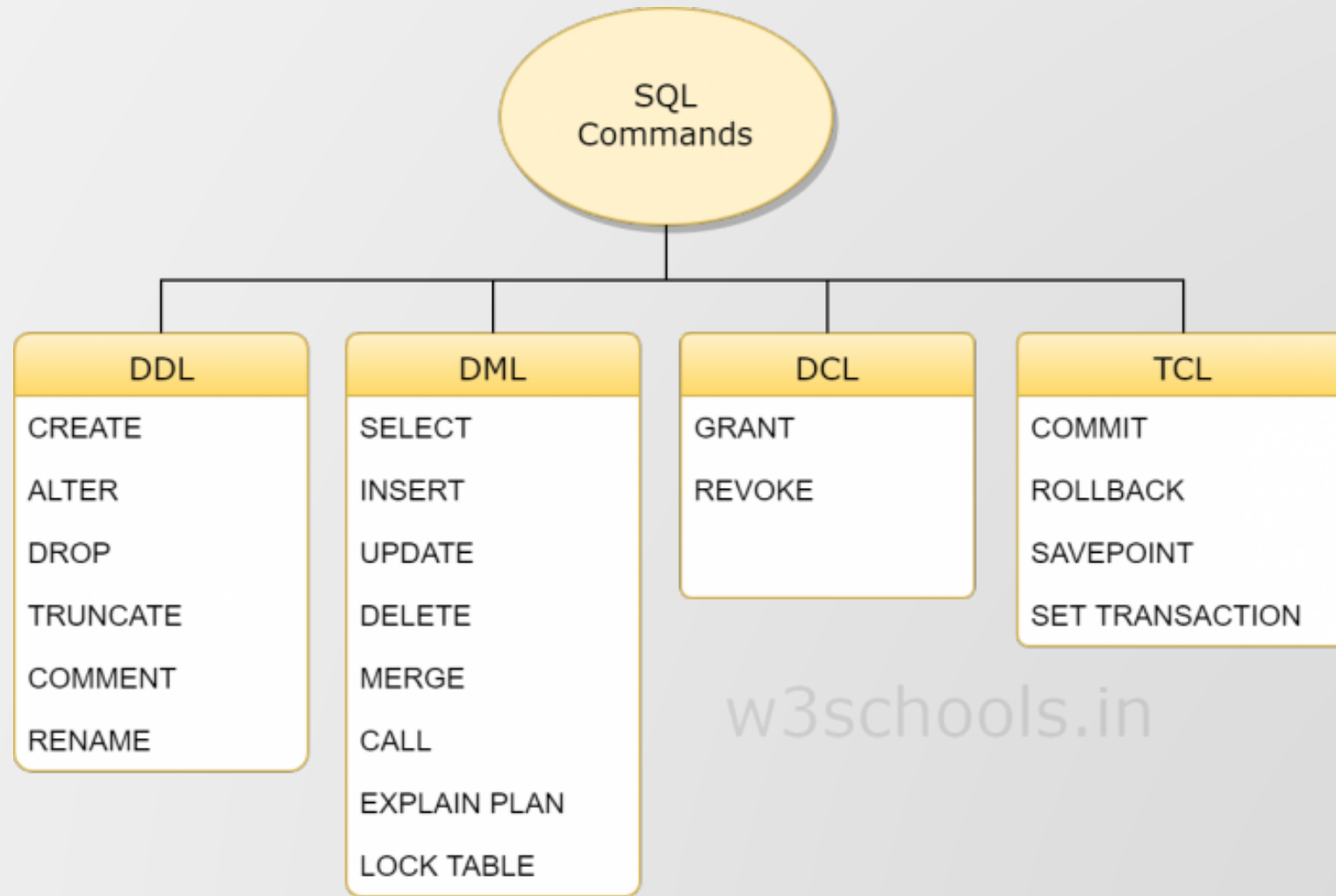
SQL is a Standard BUT...

- Although SQL is an ANSI/ISO standard, there are different versions of the SQL language
- There is many RDBMS-special Functions and features

What you need to build a website

- To use HTML / CSS to style the page
- To use a server-side scripting language, like PHP or ASP
- An RDBMS database program (i.e. MS Access, SQL Server, MySQL)
- To use SQL to get the data you want





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