



College of Technology, Jaffna
NDICT Semester 01

Database System -01

Chapter 01
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- Having a central repository for all data and data descriptions allows the DML to provide a general inquiry facility to this data, called a query language.
- The provision of a query language alleviates the problems with file-based systems where the user has to work with a fixed set of queries or there is a proliferation of programs, giving major software management problems.
- The most common query language is the Structured Query Language (SQL, pronounced 'S-Q-L', or sometimes 'See-Quel'), which is now both the formal and de facto standard language for relational DBMSs.

Data

- Perhaps the most important component of the DBMS environment, certainly from the end-users' point of view, is the data. The database contains both the operational data and the metadata, the 'data about data'. The structure of the database is called the schema.

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