DBMS

horizontal line

* A database management system (DBMS) is a collection of programs that enables the user to create and maintain a database .
* Constructing a database is the process of storing the data on some storage medium that is controlled by DBMS.
* Manipulating a database includes function such as querying the database ,updating the database and generating report from the data
* Design of new application for existing database or design of new database starts off with a phase called requirement specification ad analysis
  + Conceptual design:Requirements are documented in detail and transformed.(E-R Model)
  + Logical design:Data model implemented in commercial DBMS.
  + Physical design:Final stage , during which further specifications are provided for storing and accessing the database.