**Need for database**

Definition:

A database is a collection of information that is organized so that it can easily be accessed, managed and updated.

The various reasons a database is important are –

1. Manages large amounts of data
2. Accurate
3. Easy to update data
4. Security of data
5. Data integrity
6. Easy to research data

Database Management System (DBMS): A DBMS is set of programs that allow users to create the database and also allow to access, modify, print, add and delete the data from a database.

Advantages of DBMS:

1. Reduce data redundancy
2. Controlled data inconsistency
3. Facilitate to sharing of data
4. Standardization of data
5. Data security
6. Integrated data