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Database A

1. Please explain what is the Database System.

Database system is the combination of database and DBMS in which database stores the actual data while DBMS is the software that manages the data.

1. Please explain why DBMS is needed?

DBMS is needed because directly writing programs to manipulate the database without proper management leads to data redundancy, inconsistency and poor simultaneous use. Confronting these problems, DBMS provides functions such as data input/output, management and operation needed for database which ensures consistency, reducing redundancy, supporting simultaneous use and providing secure and efficient data management.