**Database And Database management system**

* **Disadvantage of file-based System**

1>Repeating data and values which exits in multiple values.

2>Data might not be same throughout the database.

3>Accessing data in the database management system is harder.

4>Database management system has some security flaws.

5>It is difficult to gain access in system by more than two user.

**Advantage of database and DBMS, Function of DBMS**

* **Advantage of database**

1>Database helps to reduce redundancy and reduce updating errors.

2>It helps to improve data security.

3>It helps to reduce data entry, storage of the device and decrease cost in manpower.

4>Database is independent from other application program.

* **Advantage of database management system**

1>It helps to provide reliable data to the user.

2>It helps to increase data productivity by making better decision making.

3>It helps to improve data sharing, enhance data security.

4>It helps in faster data access.

* **Relate your discussion above to the case study.**

Database is a collection of raw data stored in a sorted way. Database helps to reduce updating error and improve data security and reduce data entry, storage of the device and decrease in cost in manpower. It is independent from other application program.

Database management system provide reliable data to the user and it also helps in productivity by making a better decision making and the advantage it is faster in data access.

**SQL-Data definition language (DDL)**

* **Create all table with suitable data types:**