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Answers

1. It should be able to store various kinds of data.

There should be less redundancy.

There should be easy manipulation.

There should not be duplication of data in database.

There should be strong security.

1. It means the parent table does not need to have a corresponding child table occurrence.
2. It is said to be partial if only some entities in E participate in relationship R.
3. Differences between DDL and DML

|  | DDL | DML |
| --- | --- | --- |
|  | DDL is used to create the database schema. | DML is used to populate and manipulate database |
|  | Data Definition Language | Data Manipulation Language |
|  | DDL is not classified further. | DML is further classified as Procedural and Non-Procedural DMLs. |
|  | CREATE, ALTER, DROP, TRUNCATE AND COMMENT and RENAME, etc. | SELECT, INSERT, UPDATE, DELETE, MERGE, CALL, etc. |