**My Sql notes**

**MySQL is case-insensitive:-**

Case Sensitivity in Table Names: By default, MySQL’s case sensitivity for table names depends

on the operating system. On Linux, table names are case-sensitive, whereas on Windows, they are

case-insensitive.

* **Case Sensitivity in Column Names**: Column names in MySQL are case-insensitive by default.

Why do we need databases (Use Case)?

We need databases because they organize data in a manner which allows us to store, query, sort ,and manipulate data in various ways. Databases allow us to do all this things.

**A foreign key constraint** :\_is also known as a referential constraint or referential integrity constraint.

A foreignkey is a column or group of columns in a relational database table that establishes and enforces a link between data in two tables.

It references a primary key in another table and can cascade changes or delete related data if the primary key is updated or deleted.

**A reference**:- is a relationship between two tables where the values in one table refer to the values in another table.