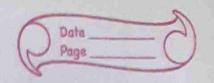
* SQL *



Database: all how the data is stored, and accessed electronically.

The data is arranged in a proper structure which is easy to manage, update.

Destabase Management Systems!

- a software that allows users
to access & manage the database,
allows users to define, create,
maintain the datasets.

It acts as an Interface blue users to the

It acts as an Interface blue users & the database.

Types of databases: Generally we store

The in different formats we access them

Nosq1, Cloud, Distributed, databases etc
Mysq1)

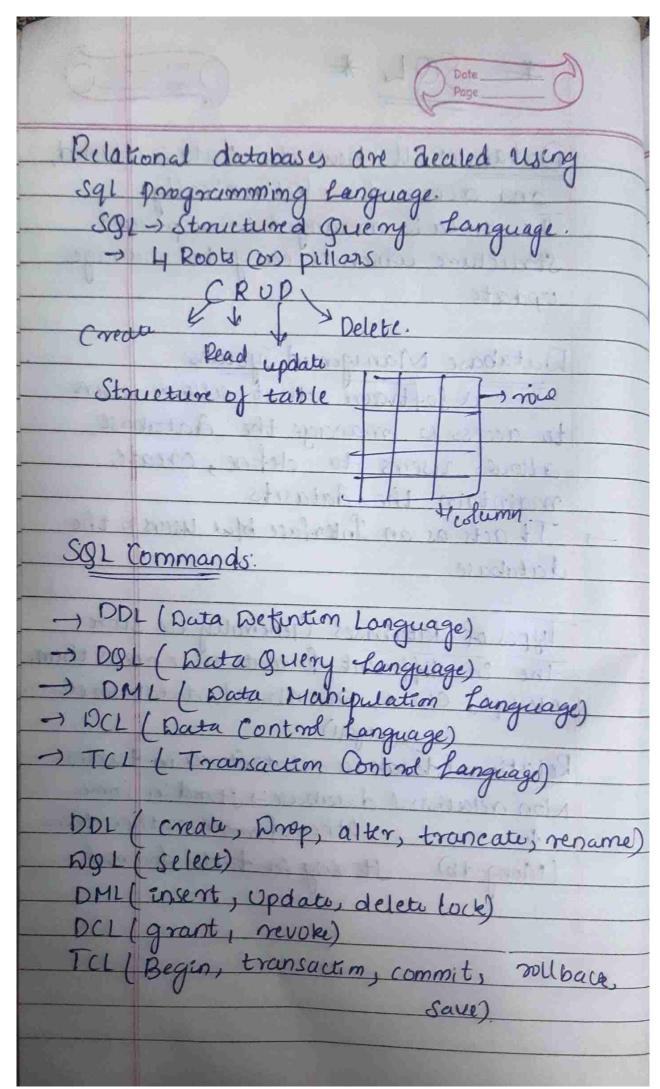
Relational database - detastored in tables.

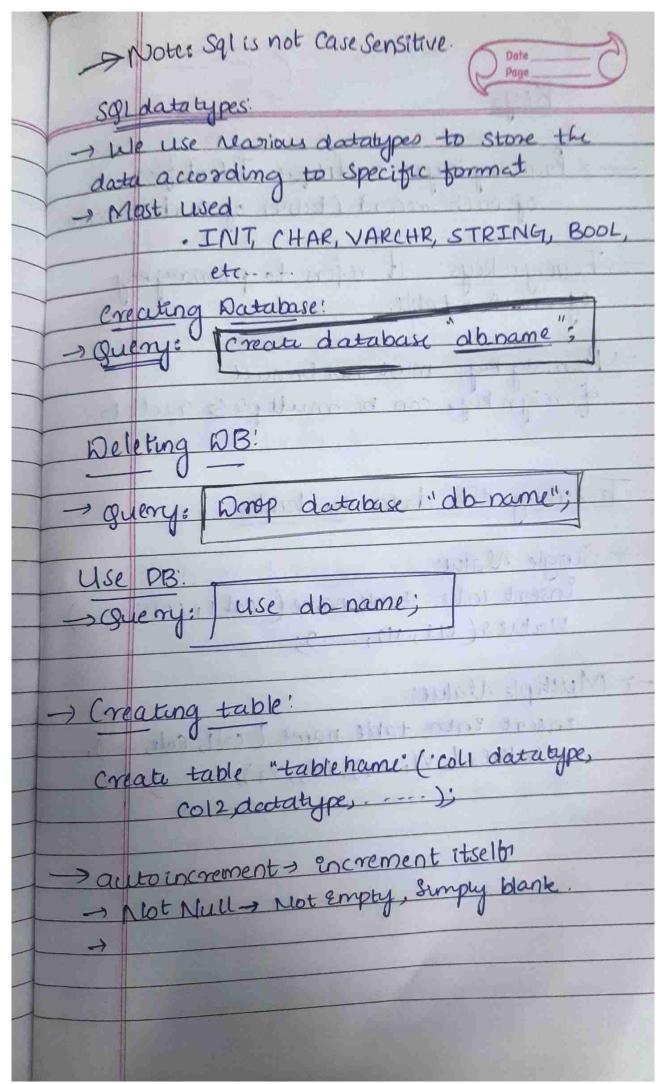
Non relational database - stored in some

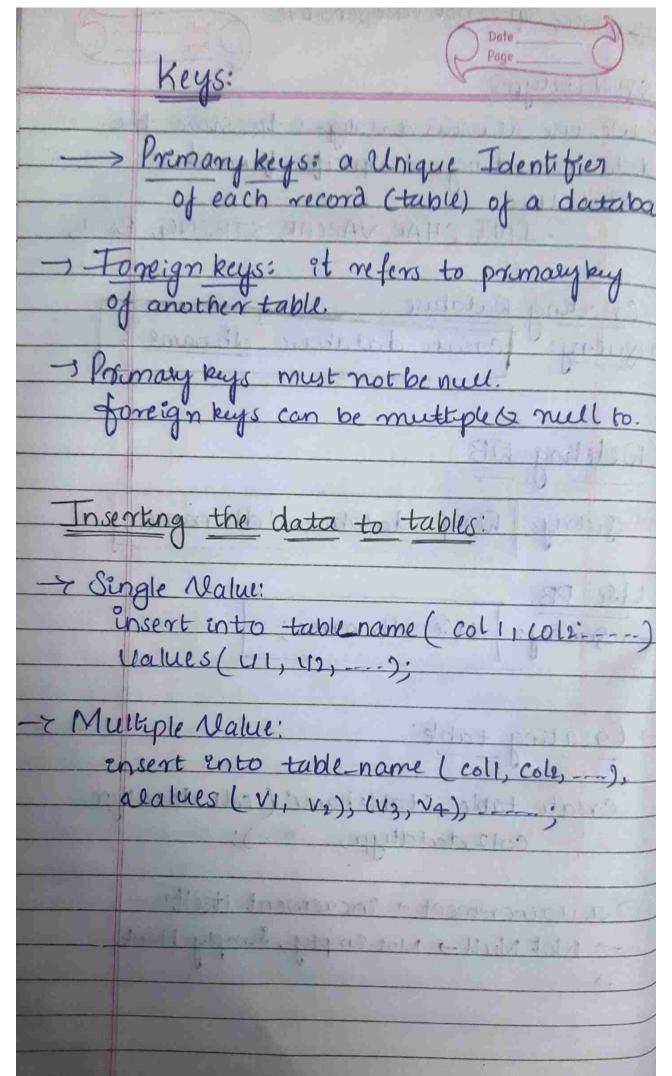
other format rather than

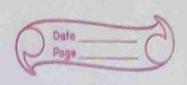
(Mongodb) Storing in tables format

1









Select: it is used to retrieve the data from the records.

- (Specific column selection) - select coliscole from table name;

-> select * from table_name; (*) indicates an the data on the table.

Contrainsts. specify rules for data in a table

* Not Null: -> Columns campt be null.

ed-name datatype not null.

* Primary key, Uniqueky * Uniquekey: Ensures the realues are unique from rest of mora Eg: Username reamenar(255) Unique;

* Défault: provides à défault reque fora column, where no realue is specified

* Check: ensures that all relatives are satisfied are not.

* Where: filter the necords from the destator filter data from records.

