

Databere: A detabase is an organized collection of data stored & accessed electronically

- wed for efficient data retrieval & manipulation
- Hysul I, RDRMI (Relational Datesbure Management System), the data is stored in tabular format of organizes data of allows retrieval of manipulation wring queries

Raserved Words og: (REATE, INSERT, SELECT)

Azenda:

- + create database
- * Create tables without constraints
- * Insert data Porto tables
- * Drop += bles & detabases
- * Enacises

Command (DDL Commands)

deta definition hanguage

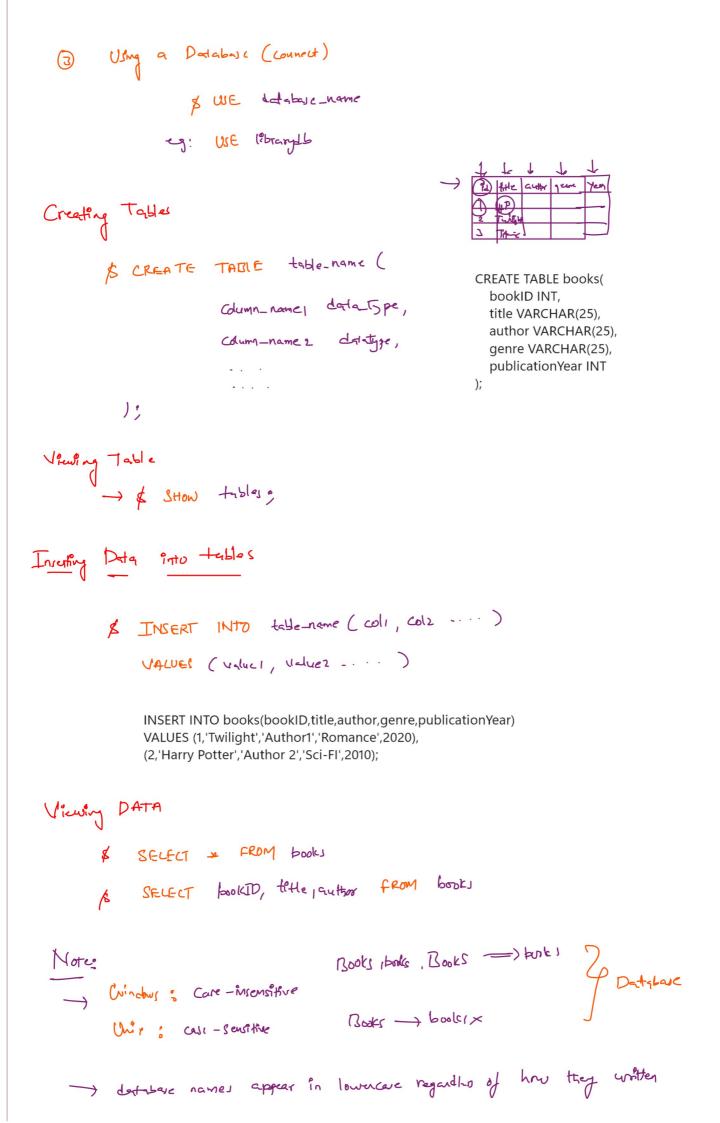
1) Creating a Datebare

CREATE DATABASE detabase_name;

eg: CREATE DATABASE library 25%

2 Viewing All Octoberes

& SHOW DATABACES



```
Dropping toddos & Date bases
 (1) Dop a table
           $ DROP TABLE table_name,
(& Doopping distablese
            & DROP DATABATE database hame,
   Data 15 pes
 1) Numeric Dela type &
                   INT , DIGINT
                                                    - 10 to t 2 (2)
     (byte =86/12)
                    4x8=32 8x8=64
     float
                    FLOAT , DOUBLE
                     10.25644 10.25642185678110
(2) Stoing Data Tope
Chan Type

CHAR (size) eg: Currency t5pe
                                  CHAR(3) -) "UD", INR"
    -> VARCHAR(size) & vortable length of string
                 eg: Namer - NARCHAR (50) - SAI 47
Tent types
                TEXT, LONGTEXT
```

65K

3 DATE & Time date types

DATE (YYXY-M9-PD) 2025 - 04-14

DATETIME (YYYY -MM -DD HH: MM: [])

2025 -04 -14 23:37:25

TIME (HH: MM: [])

23:37:25

YEAR (YYYY)

TIMESTAMP Hores date & time automatically