Bhai 😎 chal ab samajh le **SQL vs NoSQL** ka funda ekdum **desi style** me, taaki confusion kabhi na ho.

**🛠 SQL vs NoSQL – Desi Style**

**1️⃣ Concept Samajh**

Soch le ek **school** hai.

* **SQL Database (Relational)** =  
  Principal bolta hai → "Bhai, har bachhe ka record ek **register 📒 (table)** me hoga.  
  Sabka format ek jaisa hoga → roll no., naam, class, marks.  
  Matlab ekdum **discipline, fixed rules**."
* **NoSQL Database (MongoDB jaisa)** =  
  School me ek **drawing copy 📔** banayi gayi jisme har bachha apna-apna info likhega.  
  Koi sirf naam likhega, koi naam + hobby, koi naam + mobile number.  
  Matlab ekdum **mast flexible**.

👉 SQL = fixed **register system** 📒  
👉 NoSQL = free-style **drawing copy system** 🎨

**2️⃣ Structure Difference**

**SQL (Table format)**

+----+-------+--------+

| ID | Name | Marks |

+----+-------+--------+

| 1 | Amit | 80 |

| 2 | Ramesh| 90 |

+----+-------+--------+

**NoSQL (Document format)**

[

{ "\_id": 1, "name": "Amit", "marks": 80 },

{ "\_id": 2, "name": "Ramesh", "hobby": "Cricket" }

]

**3️⃣ Code / Syntax Example**

**✅ SQL (MySQL)**

-- Database banao

CREATE DATABASE school;

-- Table banao

CREATE TABLE students (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(50),

marks INT

);

-- Data insert

INSERT INTO students (name, marks) VALUES ('Amit', 80);

-- Data read

SELECT \* FROM students;

-- Data update

UPDATE students SET marks = 90 WHERE id = 1;

-- Data delete

DELETE FROM students WHERE id = 1;

**✅ NoSQL (MongoDB)**

// Database use karo

use school;

// Collection me data insert

db.students.insertOne({ name: "Amit", marks: 80 });

db.students.insertOne({ name: "Ramesh", hobby: "Cricket" });

// Data read

db.students.find();

// Data update

db.students.updateOne(

{ name: "Amit" },

{ $set: { marks: 90 } }

);

// Data delete

db.students.deleteOne({ name: "Amit" });

**4️⃣ Exercise 🎯**

👉 Ek **students database** banao:

1. **SQL me:**
   * Table: students (id, name, age, marks)
   * Insert 2 records
   * Update ek student ke marks
   * Delete ek student
2. **NoSQL me (MongoDB):**
   * Collection: students
   * Insert 2 documents (ek me name+age, dusre me name+marks+hobby)
   * Update ek document ka field
   * Delete ek document

**🎯 Desi Summary**

* **SQL** = Discipline wali school register 📒 (tables, fixed schema)
* **NoSQL** = Drawing copy 📔 (documents, flexible schema)
* SQL me **queries** likhte ho (SELECT, INSERT, UPDATE, DELETE).
* NoSQL me **JavaScript-like commands** use karte ho (find, insertOne, updateOne, deleteOne).

👉 Bhai, kya tu chahta hai main tere liye ek **side-by-side SQL vs NoSQL cheat sheet** bana du taaki tu interview me fatafat jawab de sake?