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Roll no - 5

1) What is prisma ORM?
-> Prisma ORM (Object Relational Mapper)
Prisma is a modern database toolkit that
simplifies working with databases using JS or
Typescript. It removes the need to write
raw SQL or MongoDB queries.

Features
- Auto generates database table/collection
- Easy CRUD operations (findmany, create)
- works with multiple databases like postgre
SQL, MySQL, SQLite, and Mongo DB

In this project, I used prisma with
Mongo DB to create an API for
managing quotes without writing comple
queries.

2) Restful API's using Enpress.JS.
-> Enpress is a minimal web framework to
Node.JS. It helps build server and
Restful API easily.

Key concepts:
- app.get() and app.post() for defining routes
- Middleware like express.Json() and cors
- sending JSON responses using res.Json()

③ Difference betr SQL and NOSQL Databas

	SQL	NO SQL
structure	Tables with fixed schema	collections with flexible schema
Data format	Rows and columns	Documents (like JSON)
Scalability	vertical scaling	Horizontal scaling
Query lange	uses SQL	uses Javascript-like syntax
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④ Using Fetch() in Frontend
↳ Fetching Data from Backend using fetch()

The fetch() function is used in browser & Javascript to make HTTP requests to a backend API.

⑤. Environment variables and .env files

↳ Managing config with .env files

The .env files stores sensetive or environment-specfic configuration values outside of the source code.

why use .env ?

    ↳ keeps secrets private (like DB pass)

    ↳ Makes it easy to change settings without editing code

    ↳ should always be added to .gitignore