**Node.js** ek runtime environment hai jo JavaScript ko server pe run karne deta hai.

**Node.js allows you to run JavaScript outside the browser.**

**Express.js ek lightweight aur flexible framework hai jo Node.js ke upar kaam karta hai, aur APIs aur web servers banana easy bana deta hai.**  
Iska use routing, middleware, aur HTTP requests handle karne ke liye hota hai.

**Routing ka matlab hota hai URL ke according request ko handle karna.**  
Jaise user kisi specific path pe request bhejta hai (/home, /about), toh server us route ke liye proper response bhejta hai.

**Dynamic routing ka matlab hai route ke path me variable ya dynamic value ka use karna.**  
Jaise ek hi route multiple users/products/posts ke liye kaam kare — bas URL ka part change hota hai.

**Dynamic routing wo hoti hai jisme URL ka kuch part dynamic hota hai, yani change ho sakta hai.**  
Jaise user/:id — yahan :id ek variable hai jo har request ke liye alag ho sakta hai.

**Middleware ek function hota hai jo request aur response ke beech me chalta hai.**  
Ye request ko process karta hai, modify karta hai, ya next function ko call karta hai.

Express.js me middleware ka use hota hai **authentication, logging, error handling, ya JSON parsing** jaise kaam ke liye.  
Har middleware req, res ko access karta hai, aur next() ke through aage badhta hai.

Mongoose is a JavaScript object-oriented programming library that creates a connection between MongoDB and the Node.js JavaScript runtime environment. It provides a straightforward, schema-based solution to model application data.

**Schema ek blueprint hota hai jo batata hai ki database me kaunsa data aayega, uska type kya hoga, aur wo kaise behave karega.**  
Mongoose me hum schema use karke define karte hain ki ek document me kaunse fields honge aur unka structure kya hoga.

**Model ek Mongoose object hota hai jo schema ke base par banta hai, aur isse hum MongoDB me data create, read, update, delete (CRUD) karte hain.**  
Yaani schema sirf structure batata hai, lekin model se actual database operations hote hain.

Schema ek template hai, aur model us template ka practical use — jaise **blueprint se ghar banana**.