Nodejs is a runtime environment of javascript.

File system operations:

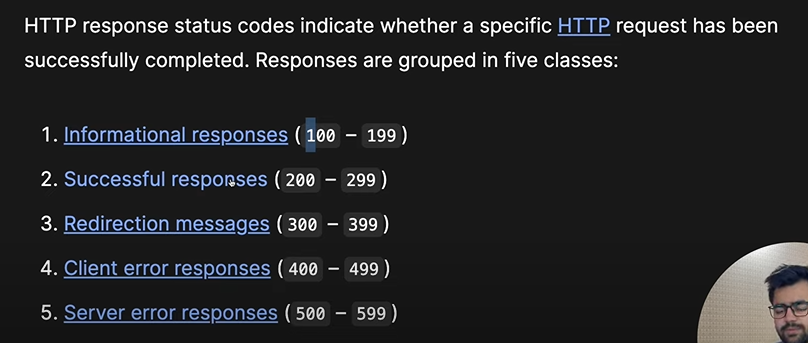
Require fs module

* Fs.writeFile to create a new file
* Fs.appendFile to add text in a file
* Fs.rename to rename a file
* Fs.copyFile
* Fs.unlink to delete a file

Middleware:

Middleware ak function hota h jo hr request or response pe run krta h.

HTTP Status Code:



Mongoose:

* Mongoose ko pehly install krna h
* Phr require krna h
* Phr schema banta h mtlb structure
* Or phr model bnta h jis k through crud operations perform hoty hen

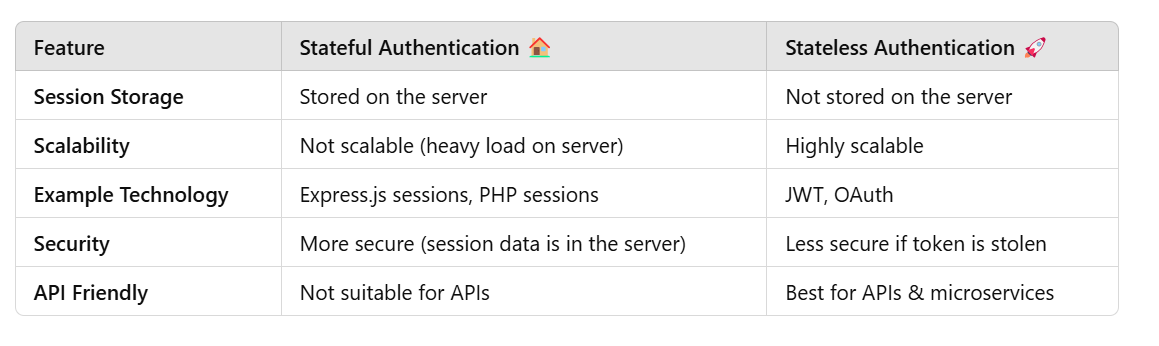
Authentication in nodejs:

there are two types of authentications in node js

1. Stateful (which maintains state or data or server side)



1. Stateless (which has no state)



What are cookies?

**Cookie** ek **chhoti si file** hoti hai jo **browser** me store hoti hai jab aap kisi website ko visit karte ho. Ye file aap ki kuch **information save karti hai**, jo website ko baad me aapko **pehchan'ne** ya **aapka experience better banane** me madad deti hai.

Cookies are domain specific

**Cookies Ki Types**

1. **Session Cookie** – Sirf tab tak rehti hai jab tak browser open hai, jaise logout karne ke baad delete ho jati hai.
2. **Persistent Cookie** – Ye zyada time tak store rehti hai, jese kisi site ka "Remember Me" option use karna.
3. **Third-Party Cookie** – Ye ads aur tracking ke liye hoti hain, jo doosri websites bhi use kar sakti hain.