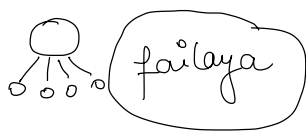


Remaining JS Topics

① Spread operator

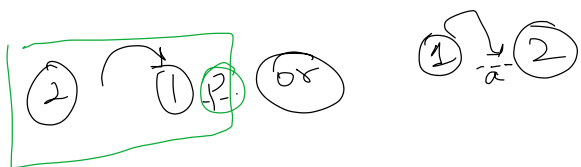


- ① Let Array = [10, 20, 30, 40];
- ② Let name = [50, 60, 70];

Concat

Array.concat(name);

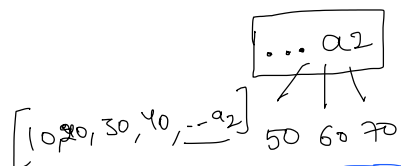
Array =



Spread

a1 = [10, 20, 30, 40] , a2 = [50, 60, 70]

spread



let a1 = [10, 20, 30, 40, 50, 60, 70]

Object ? - Yes ✓

— X — X — X — X — X —

}

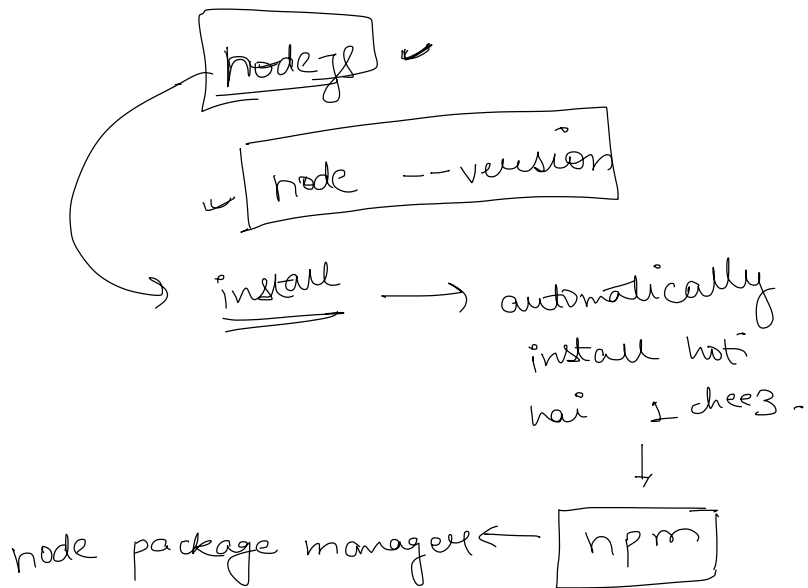
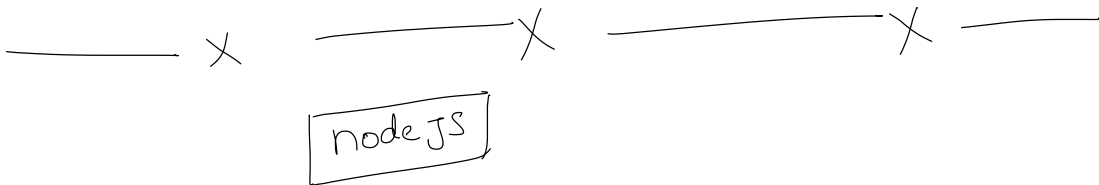
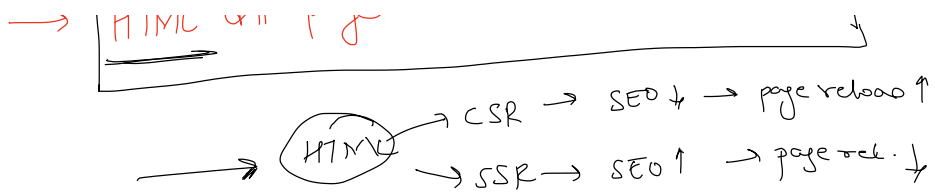
BACKEND

CSR → client side rendering
SSR → server side rendering

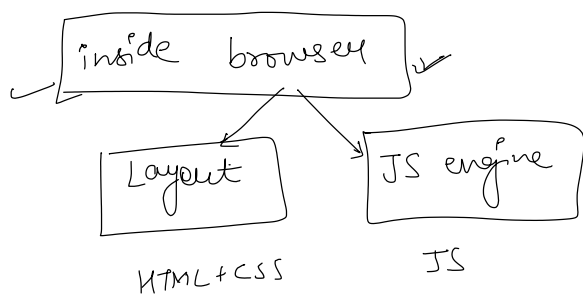
CSR ○
→ client side
→ SEO ↓
→ fastload ↑ JS

✓ SSR ○
→ server side
→ SEO
→ fastload ↓ HTML CSS JS

☆☆ introduction page chahi bann rhi hai.



JS → 1995 → BE



eg

ge

| Browser | Layout E. | JS Engine |
|----------------|-----------|---------------|
| chrome | blink | V8 |
| firefox | gecko | spider monkey |
| Microsoft edge | Trident | chakra |

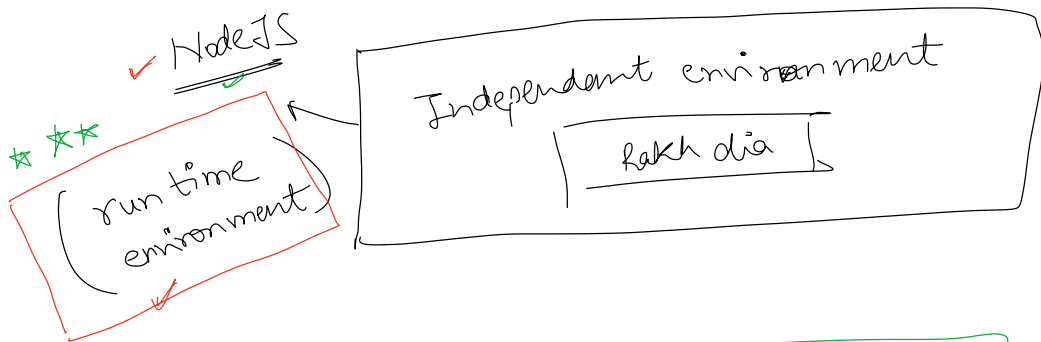
C++ written = fastest

V8 → 1600 lines
call food

2009 JS → Browser

Ryan Dahl → Baba

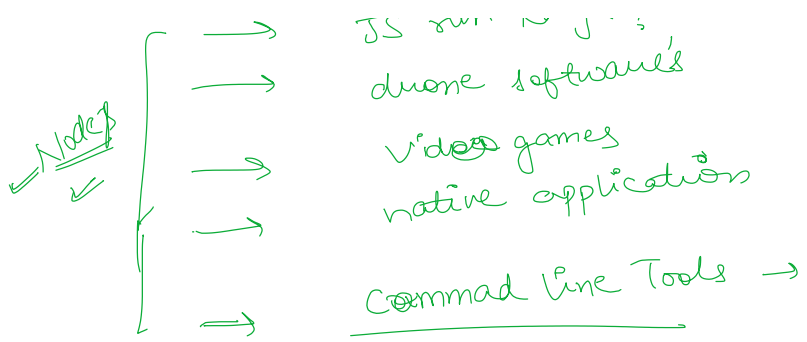
poora JS engine utheya



we run over javascript

Purpose of NodeJS ?

-- in kaha ?

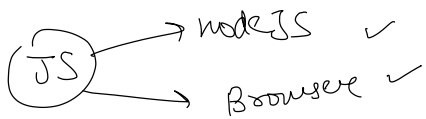


electron.js → Discard

D/F B/W NodeJS & Browser ?

imp.

| Browser | NodeJS |
|----------------------|------------------------|
| window (global obj) | global (global object) |
| document webAPI ✓ | document X webAPI |
| file system access X | file system access ✓ |



→