

JavaScript GitHub Login Code – Har Syntax Ka Matlab (Hindi)

1. async function login() { ... }

- async: Background me code chalega, rukega nahi
- function: Code ka ek block, baar-baar use ho sakta hai
- login(): Function ka naam, HTML me onclick="login()" se call hota hai

2. document.querySelector('input[type="email"]')

- document: HTML document
- querySelector(): Element dhoondhne ke liye
- 'input[type="email"]': Email wala input field

3. .value

- Input field me user kya likha, wo value

4. const

- Variable jo change nahi hota
- Example: const token = "abc"

5. fetch()

- Web se data lena ya bhejna
- Syntax:

```
fetch(URL, {  
  method: 'GET' / 'PUT' / 'POST',  
  headers: {...},  
  body: JSON.stringify(data)  
})
```

6. method: 'PUT'

- PUT = File update karna
- GET = Data read karna
- POST = Naya data bhejna
- DELETE = Data delete karna

7. headers: { Authorization: 'token ...' }

- GitHub ya server ko batana ki kaun request bhej raha hai

8. await

- Jab tak fetch ka result na aa jaye, ruk jao
- async function ke andar hi use hota hai

9. btoa() aur atob()

- btoa(): Text to base64 (GitHub ke liye)
- atob(): Base64 to normal text

10. JSON.stringify()

- JavaScript object ko JSON string banana
- Example: `JSON.stringify({name: "Ali"})` -> `'{"name":"Ali"}'`

11. alert()

- Browser me chhota popup dikhata hai

12. if (res.ok)

- res.ok true hai to matlab request successful thi

Short Summary:

Syntax	Matlab	Kab use hota hai
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async	background me code	fetch ke saath
fetch()	request bhejna	API se data ke liye
PUT	file update karna	GitHub/file update
GET	file read karna	data fetch karna
headers	request ke rules	token dena
await	rukna jab tak result aaye	async function me
btoa()	base64 banana	GitHub API ke liye
atob()	base64 to normal	file read karte waqt
JSON.stringify()	object ko string banana	file me write karna
alert()	popup dikhana	user ko message dena
if(res.ok)	check request success	error handle karna

Agar aap chahein to in par chhoti practice exercises bhi banayi ja sakti hain.