You are using a social media app

The entire page loads for the first time

Then you scroll through the posts and again
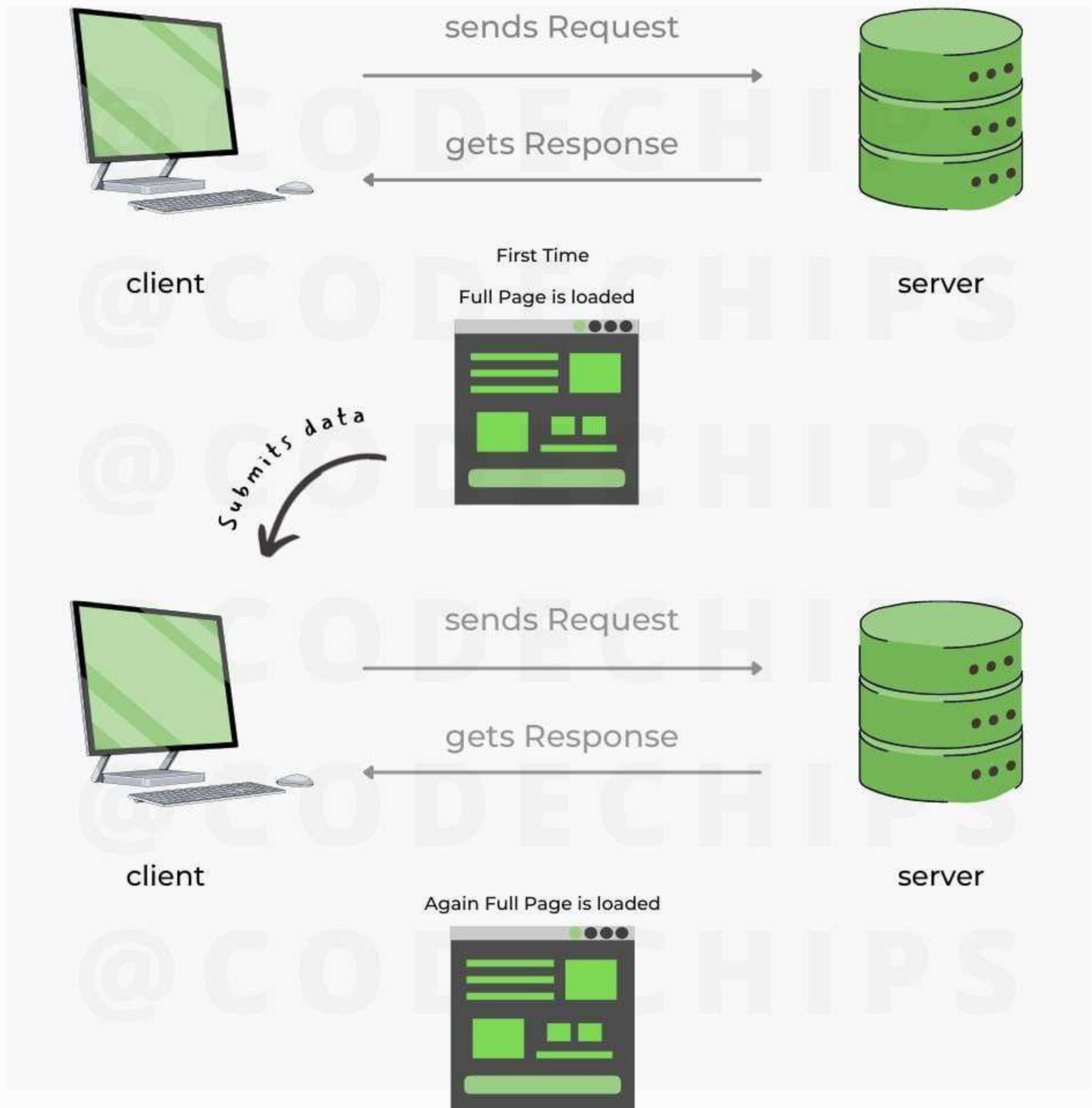
The entire page reloads again to get the new data

You like a post

The entire page reloads again by sending the like count to the server and updating the page with new like count

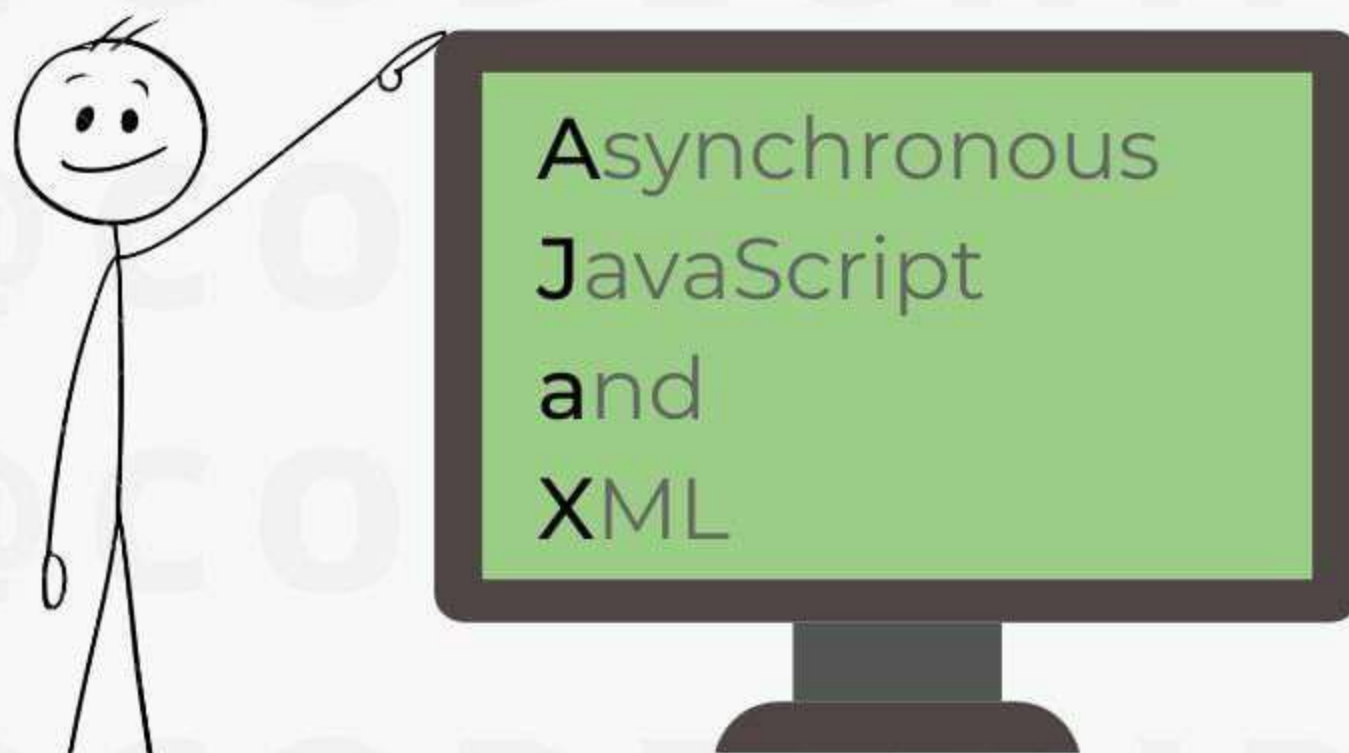wtf how many times would it refresh

What happens here ?

sends Request

gets Response

client

First Time

Full Page is loaded

server

Submits data

sends Request

gets Response

client

Again Full Page is loaded
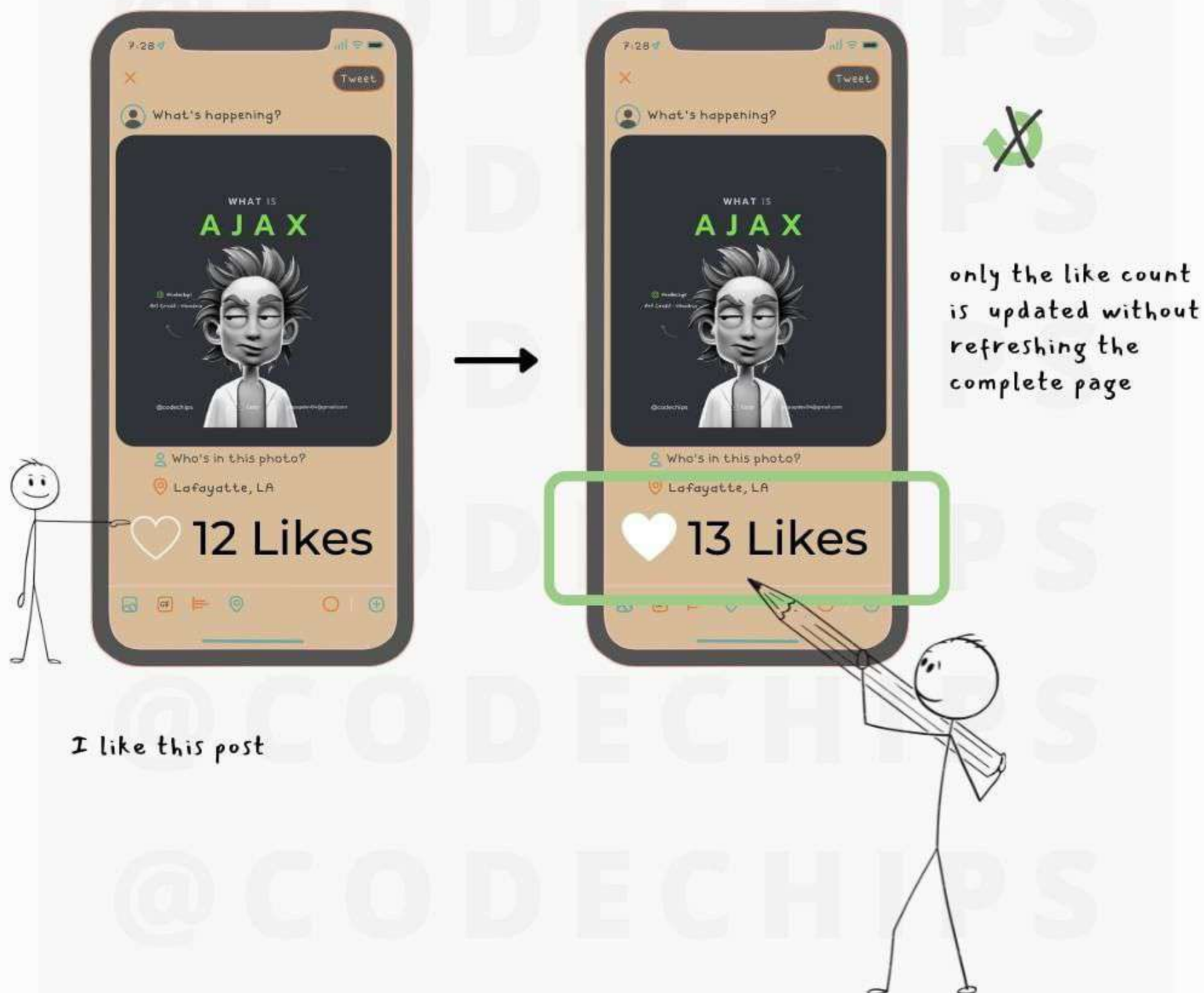
server

This becomes extremely frustating

That is when AJAX came to the rescue

Ajax is not a programming language or a tool, but a technique for creating better, faster, and more interactive web applications

Asynchronous
JavaScript
and
XML

With AJAX

only the like count is updated without refreshing the complete page

12 Likes

13 Likes

I like this post

What happens here ?

sends Request →

gets Response ←

client

First Time
Full Page is loaded

server

Submits data

sends Request →

gets Response ←

client

server

Only parts of page are updated

Updated portion

AJAX just uses a combination of:
- **XMLHttpRequest** object (to request data from server)
- JavaScript and HTML **DOM** (to display or use the data)

AJAX is used in

few examples

↑ Vote ↓

🚀 BEST COMMENTS ▼

Google

Autocomplete	🎤
autocomplete
autocomplete **off**
autocomplete**textview**
autocomplete **off not working**
autocomplete **js**
autocomplete **react**
autocomplete **chrome**
autocomplete **vim**
autocomplete**textview android**
autocomplete= **new-password**

Google Search   I'm Feeling Lucky

Validating Form

❗ **2 Errors**

Username Must be 10 characters or less.
Age Must be in the 5 to 120 range.

Username MostAwesomestUserNameEver ⓘ

Age -42 ⓘ

Submit