COMP6080

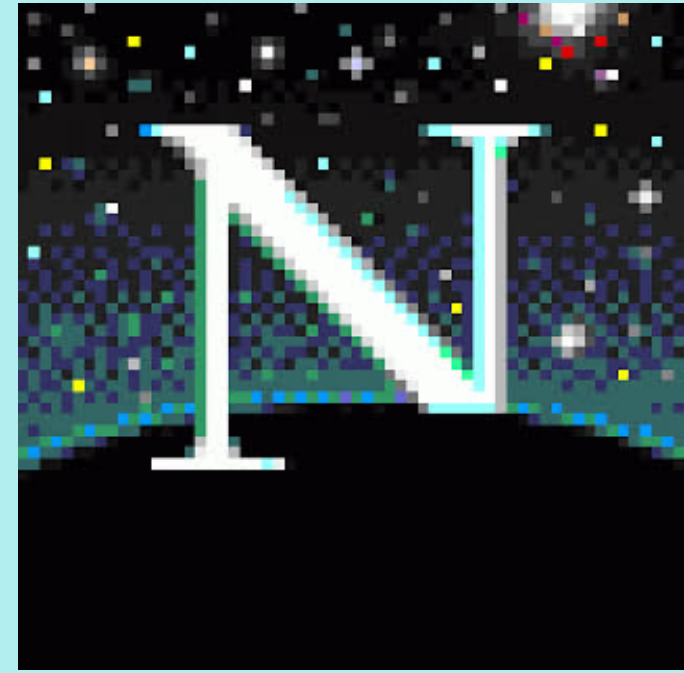## JS in the browser

Presented by
Christian Scott

JavaScript – The Early Days

Q

What was the first browser to support JavaScript, and when was it released?

A

NetScape Navigator 2.0B3, released in November 1995, shipped with a prototype version of JavaScript. At that time it was called LiveScript!

http://speakingjs.com/es5/ch04.html

JavaScript – The Early Days

Q

What came first –
JavaScript or CSS?
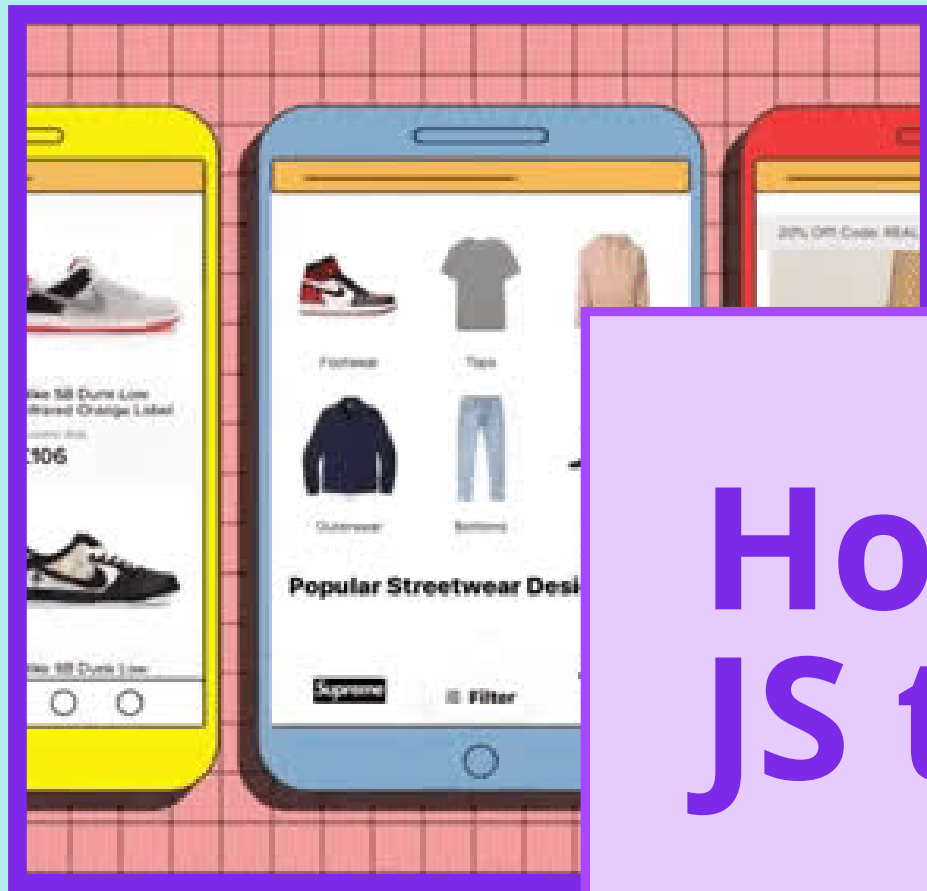
A

JavaScript – The Early Days

Q

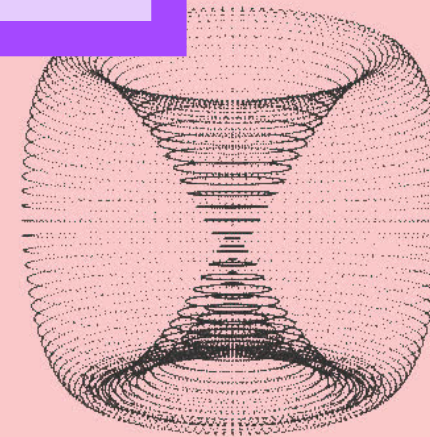**What came first – JavaScript or CSS?**

A

JavaScript!

The first version of JavaScript shipped in a browser in November 1995, while the first version of the CSS specification was released 1 year later, in December 1996.

https://www.w3.org/TR/CSS1/

How do we get JS to users?

First option: embed it in a script tag

```html
<script>
  let url = new URL(window.location.href);
  let name = url.searchParams.get("name");
  console.log(`hello, ${name}!`);
</script>
```

Pros

- Super simple!
- No extra request (more on this in a moment)

Cons

- Hard to manage as your app grows
- Bloats the first request
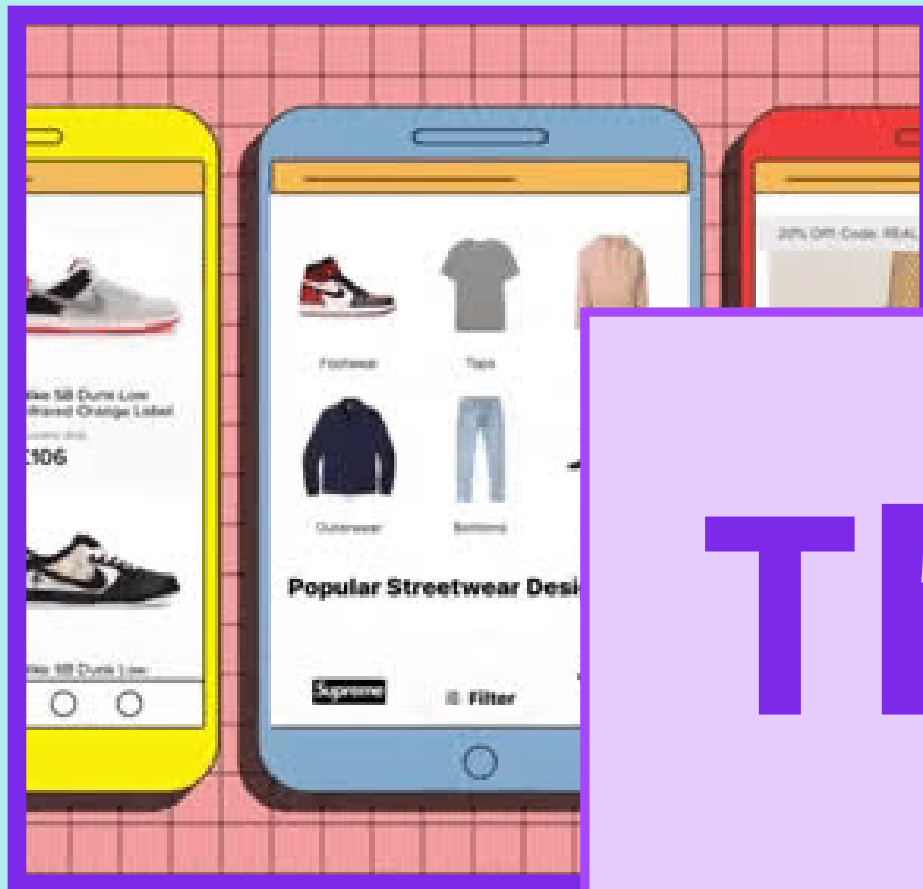
Second option: load a JS file via a script tag

```
<script src="greet.js">
</script>
```

Pros

- Better suited to larger applications
- Doesn't increase the size of the initial request

Cons

- Adds an extra request

Thanks!