BROWSER

Local Storage
VS
Cookies 🍪

Cookies

Are generally set by servers using HTTP header to store information like settings and user login
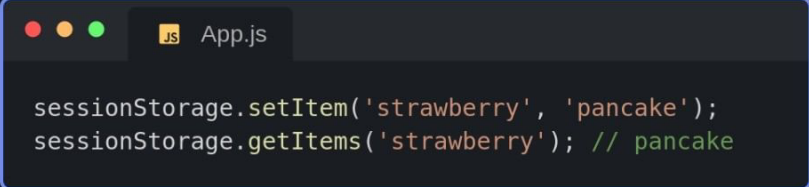
```
Set-Cookie: prefer_theme=dark
```

Cookies are send back to server on every request from browser to the domain it came from

Cookies also have an expiration time (default 30m)

```
Set-Cookie: prefer_theme=dark;
Expires=Mon, 28 Feb 2100 23:59:59GMT;
```

A domain can only set 150 cookies of size 4096 bytes

Cookies can also be accessed by JavaScript

```
JS App.js
sessionStorage.setItem('strawberry', 'pancake');
sessionStorage.getItems('strawberry'); // pancake
```

LocalStorage

Is similar to cookies but is only accessible from JavaScript, they aren't sent to server on each request (Ajax is used instead)

```js
localStorage.setItem('strawberry', 'pancake');
localStorage.getItems('strawberry'); // pancake
```

The size limit of Local Storage is 5mb

Unlike Cookies, Local Storage has no expiration date

Both Cookies and Local Storage are scoped to domain meaning example.com has acess to Cookies and Local Storage data set by only example.com and not any other domain

Did you learn something new?

Let me know in the comments