100 days of JavaScript

Day 20

Cookies, Ajax and fetch API

Cookies are data send by the web server that is stored in user's web browser.
The web browser can use this data to identify the user by savings its name and other info.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>cookie</title>
</head>
<body>
    <h1>Cookies in JavaScript</h1>
</body>
<script>
    document.cookie="john"
    console.log(document.cookie)//john
</script>
</html>
```

Amish Khan
web developer

Ajax (Asynchronous JavaScript And Xml):

Ajax is simply a web development technique which allows to receive and send data to the web server with out refreshing the web page.

These data requests are asynchronous in nature allowing a dynamic and interactive user experience.

Ajax is a combination of:

A browser built-in XMLHttpRequest object(to request data from a web browser)

JavaScript and html DOM (to display the data)

Amish Khan
web developer

Fetch api:

Fetch api is a modern and convenient way to make asynchronous request.
It returns promises which allow handling asynchronous task easy.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>fetch API</title>
</head>
<body>
    <h1>Joke of the day</h1>
    <p></p>
</body>
<script>
    const p=document.querySelector("p")
    async function getjoke(){
    try{
        let joke =await fetch("https://v2.jokeapi.dev/joke/Programming?type=single")
        let data=await joke.json()
        p.innerHTML=data.joke
        }
        catch(error){
            console.log(error)
        }
        }
    getjoke()
</script>
</html>
```

Amish Khan
web developer