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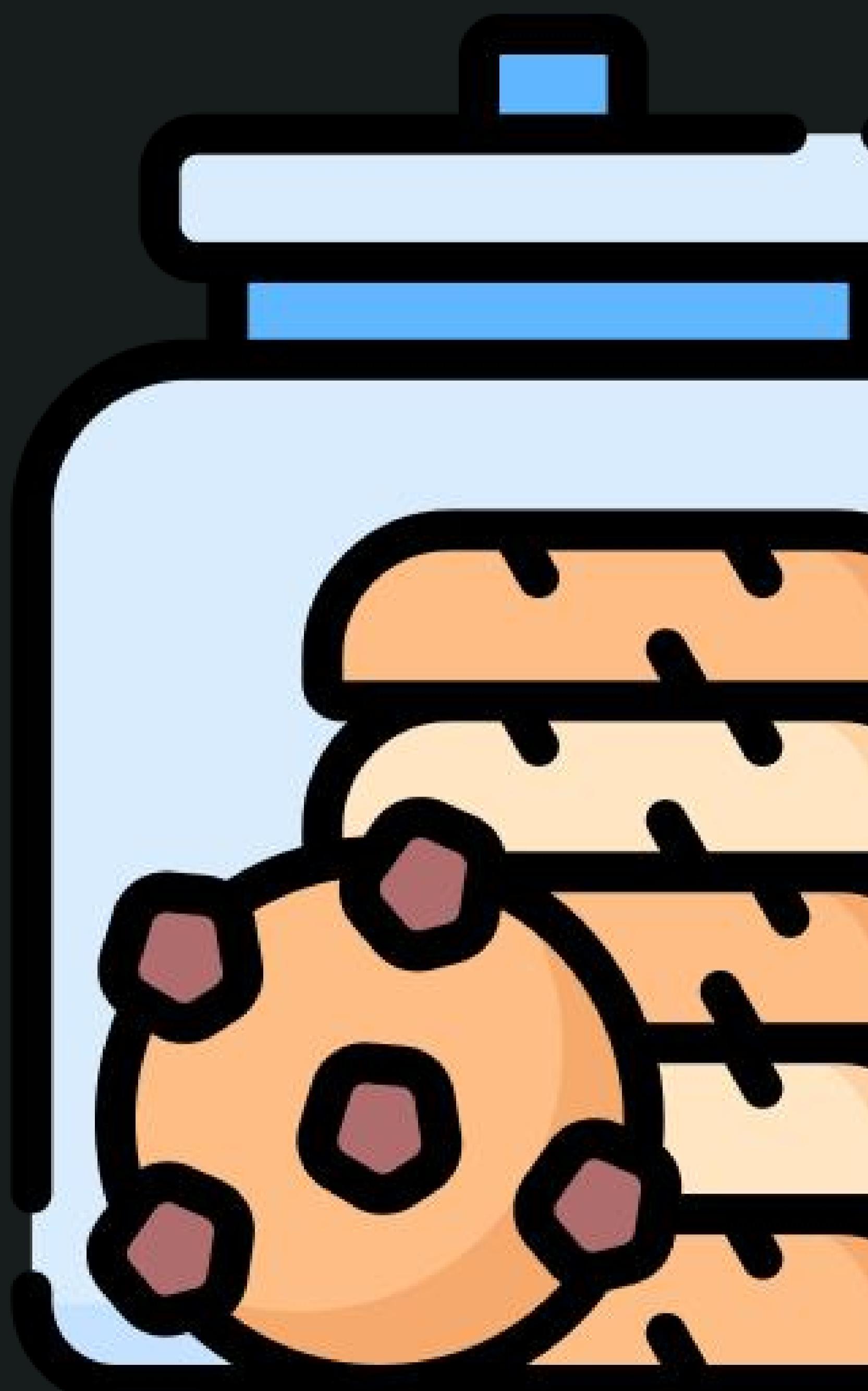
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COOKIES

What is it?

How they are
used to store data?





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COOKIES

They are small pieces of data websites store on your computer



Imagine tiny notes a website leaves on your browser.

These notes contain information like your login details, preferences, or items you added to your shopping cart.



Websites use cookies to remember you and personalize your experience.

They're like little reminders for your browser, saving you time and effort.

Be mindful of user privacy!

Always get consent before storing personal information in cookies.



How to use Cookies?

Websites can't directly access your computer's storage, so they rely on JavaScript to create and manage cookies.

But Remember !!

Cookies can be helpful, but at the same time they also have some limitations.

They can't store large amounts of data and can be security risks if not handled properly.

Custom functions to Set & Get Cookies.

Set Cookie



setCookie.js

```
// Setting a cookie
const setCookie = (name, value, days) => {
  let expires = "";
  if (days) {
    const date = new Date();
    date.setTime(date.getTime() + (days * 24 * 60 * 60 * 1000));
    expires = "; expires=" + date.toUTCString();
  }
  document.cookie = name + "=" + value + expires + "; path=/";
}
```

Get Cookie

...

getCookie.js

```
// Getting a cookie
const getCookie = (name) => {
  let nameEQ = name + "=";
  let cookies = document.cookie.split(';");
  for(let i=0; i<cookies.length; i++) {
    let cookie = cookies[i];

    while (cookie.charAt(0)==' ')
      cookie = cookie.substring(1, cookie.length);

    if (cookie.indexOf(nameEQ) == 0)
      return cookie.substring(nameEQ.length, cookie.length);
  }
  return null;
}
```

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Learn What is **Statement** & **Expression** in JS?

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Statement

Expression

How they are different in JS?

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Statement

Statement **performs an action**, might not return a value.

Statements are like the **actual instructions** that tell you what to do with the **expressions**.

Example

Let message = "Hello World";
console.log(5);

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Code Example

```
expression.js
...
// Arithmetic Expressions:
3 + 5

// String Concatenation
const str = 'Hello' + ' ' + 'World';

// Function Calls
greet();

// Variable Assignments
const x = 20;
```

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