



DOM

발표 시작하기

DOM (Document Object Model)

JavaScript

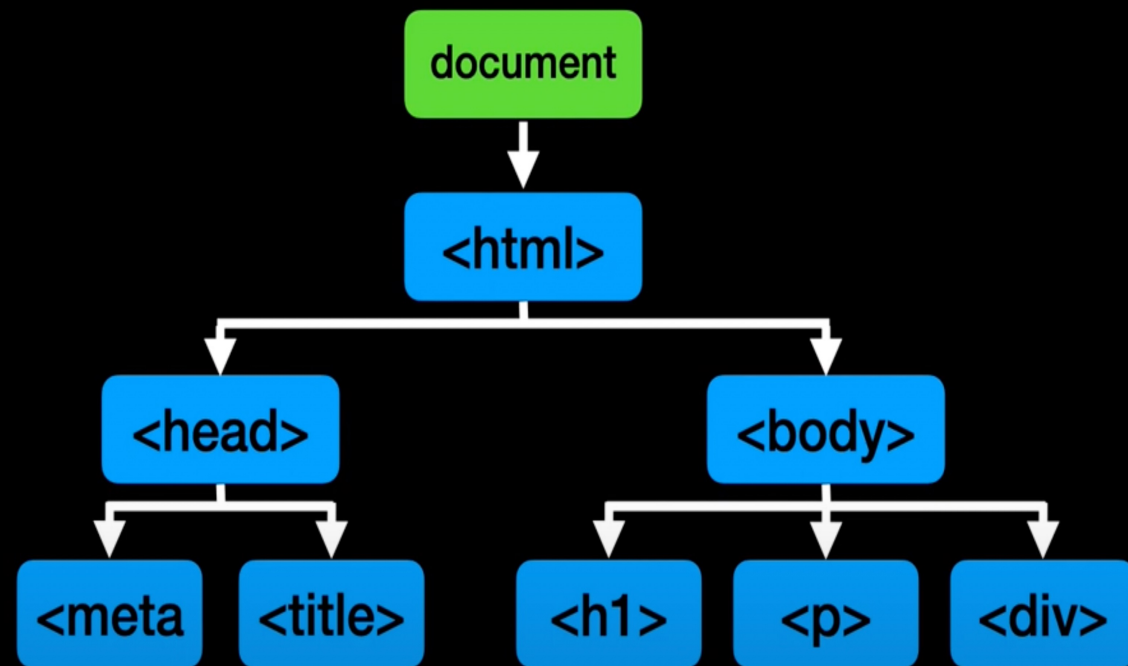


- 웹 문서를 제어하기 위해 개발된 언어
- 콘텐츠 변경, 추가, 제거 등
html 문서를 조작하기 위해 만들어진 언어

DOM (Document Object Model)

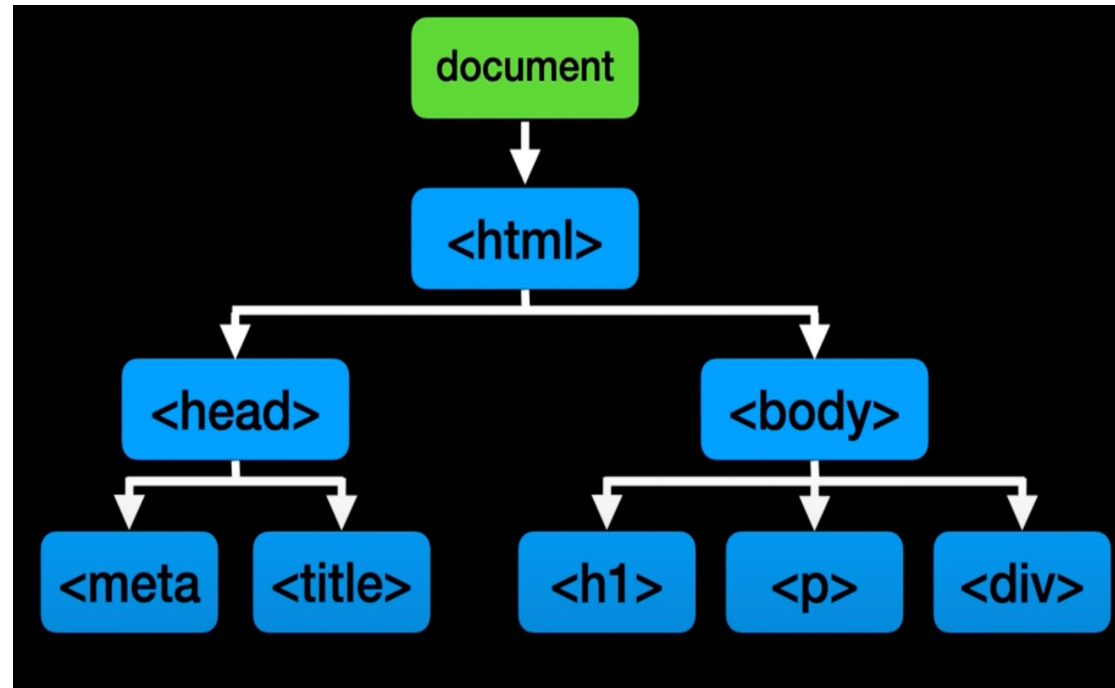
- 스크립트 언어로 html 요소를 제어할 수 있도록 웹문서를 객체화 한 것

```
dom_practice.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3    <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7    </head>
8    <body>
9      <h1>윙크 프리코스</h1>
10     <p>DOM 스터디 입니다.</p>
11     <div>
12       <ul>
13         <li>문서 객체 모델</li>
14         <li>트리 구조</li>
15         <li>document</li>
16       </ul>
17     </div>
18   </body>
19 </html>
20
```



Document

- 자바스크립트에서 DOM 접근을 위해 쓰이는 Interface



Document

```
let element, elements;
element = document.getElementById("id"); // id 속성값으로 요소를 찾아 리턴
elements = document.getElementsByClassName("className") // class 속성값으로 요소들을 찾아 리턴

element = document.querySelector("selector") // 셀렉터를 통해 요소를 찾아 리턴
elements = document.querySelectorAll("selector") // 셀렉터를 통해 해당되는 요소를 찾아 리턴

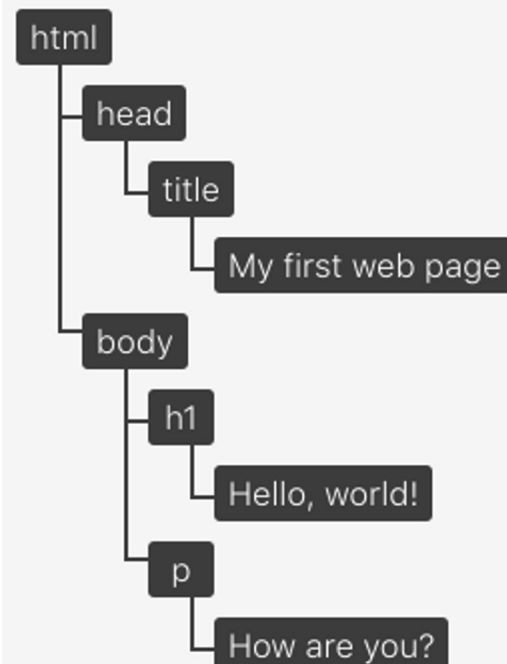
// 셀렉터를 통해 특정 id 속성값을 가진 요소 찾기 : #id
// ex) document.querySelector("#id");

// 셀렉터를 통해 특정 class를 가진 요소 찾기 : .class
// ex) document.querySelector(".class-name");

// 셀렉터를 통해 특정 태그 찾기 : tag
// ex) document.querySelector("input");
```

DOM (Document Object Model)

```
<!doctype html>
<html lang="en">
  <head>
    <title> My first web page </title>
  </head>
  <body>
    <h1> Hello, world! </h1>
    <p> How are you? </p>
  </body>
</html>
```





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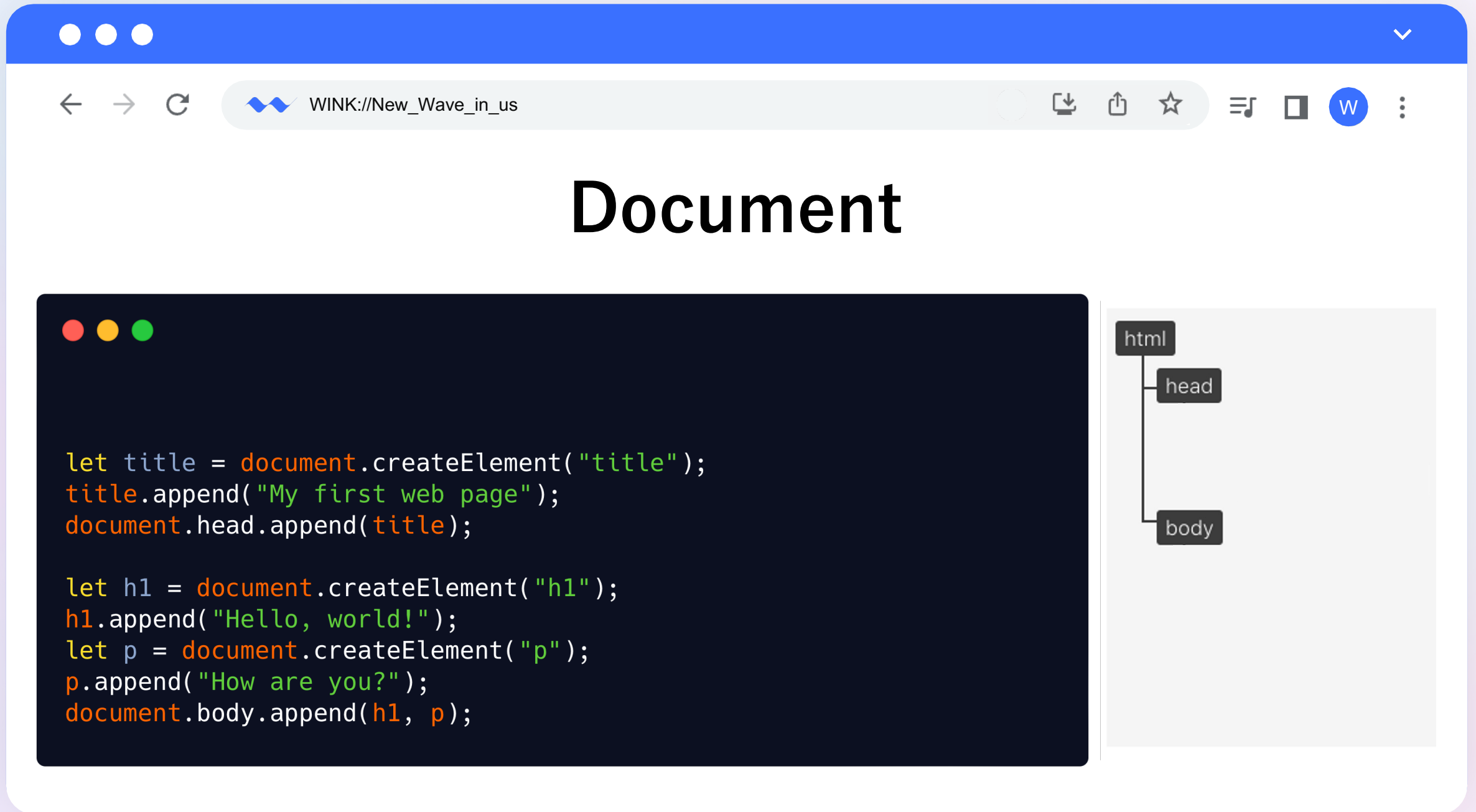
Document

```
<!doctype html>
<html lang="en">
  <head>
    <title> My first web page </title>
  </head>
  <body>
    <h1> Hello, world! </h1>
    <p> How are you? </p>
  </body>
</html>
```

html

head


body



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Document

```
let title = document.createElement("title");
title.append("My first web page");
document.head.append(title);

let h1 = document.createElement("h1");
h1.append("Hello, world!");
let p = document.createElement("p");
p.append("How are you?");
document.body.append(h1, p);
```

html

head


body

title

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```

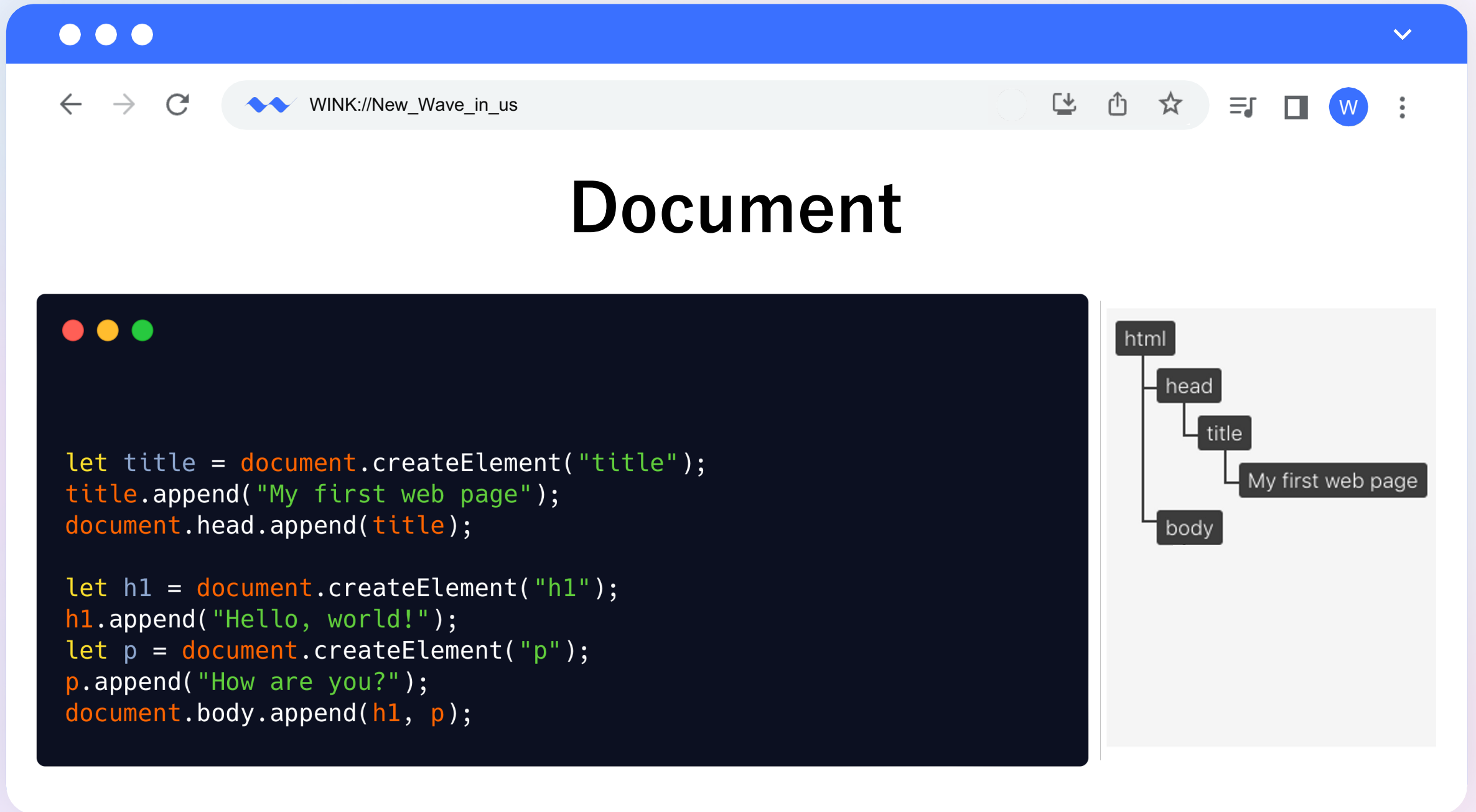
html

head

body

title


My first web page



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p.append("How are you?");
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h1

html

head

title

My first web page

body

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let title = document.createElement("title");
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h1

Hello, world!

html

head

title

My first web page

body

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p.append("How are you?");
document.body.append(h1, p);
```

h1

Hello, world!

p

html

head

title

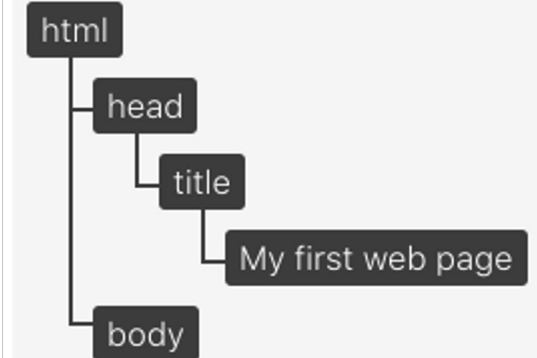
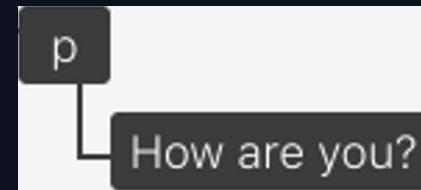
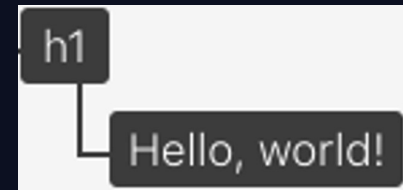
My first web page

body

Document

```
let title = document.createElement("title");
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document.head.append(title);


let h1 = document.createElement("h1");
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let p = document.createElement("p");
p.append("How are you?");
document.body.append(h1, p);
```



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p.append("How are you?");
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```

html

head

title

My first web page

body

h1

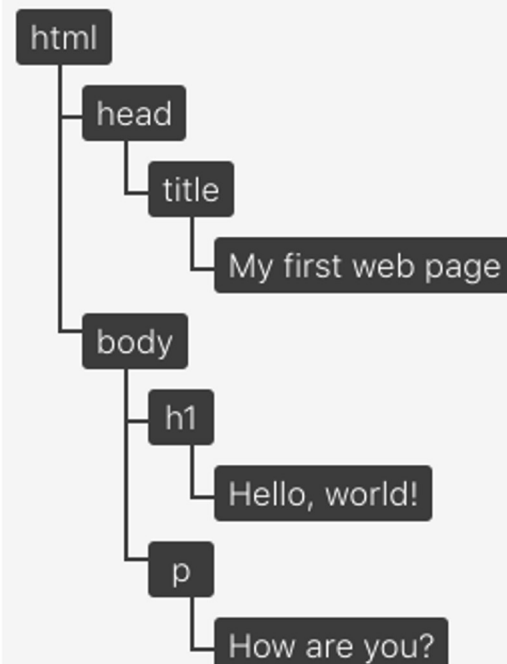
Hello, world!

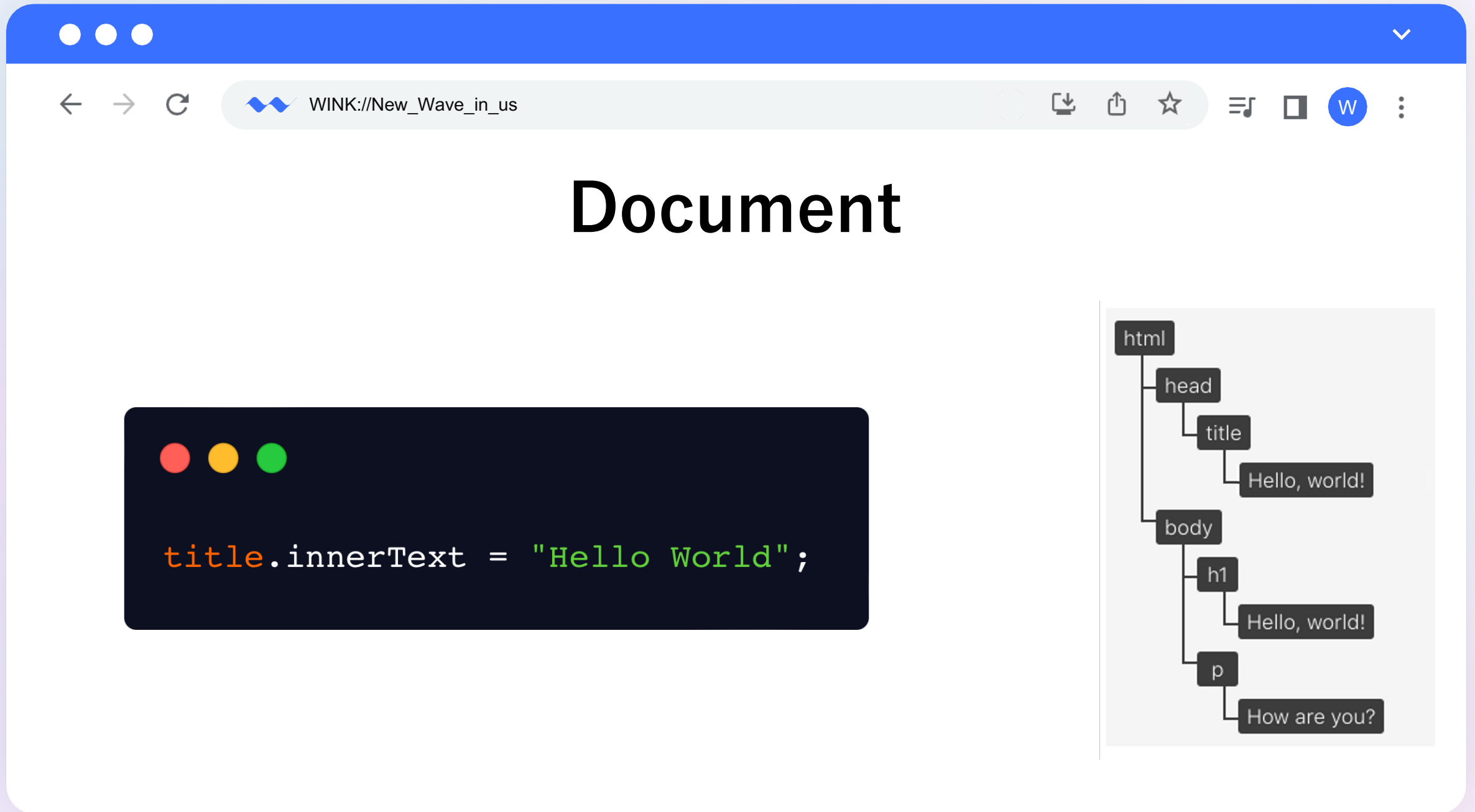
p

How are you?

DOM (Document Object Model)

```
<!doctype html>
<html lang="en">
  <head>
    <title> My first web page </title>
  </head>
  <body>
    <h1> Hello, world! </h1>
    <p> How are you? </p>
  </body>
</html>
```






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Document

```
let el = document.createElement("input");
el.setAttribute("value", "Hello World");
el.classList.add("test-class-name");

document.body.append(el);
```

```
<html>
  <head></head>
  <body>
    <input class="test-class-name" value="Hello World"></input>
  </body>
</html>
```

html ..

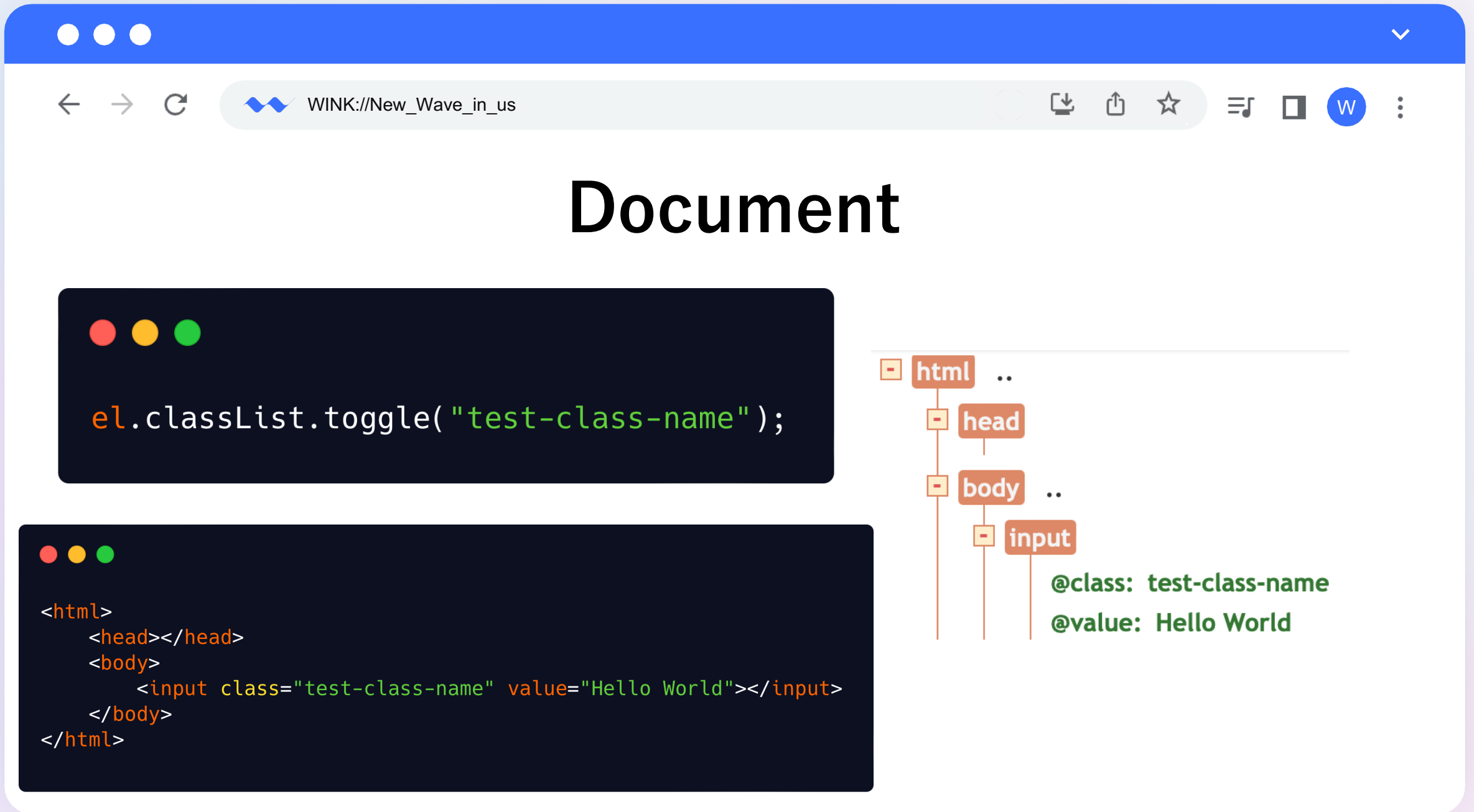
head

body ..

input

@class: test-class-name


@value: Hello World



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Document

```
el.classList.toggle("test-class-name");
```

```
<html>
  <head></head>
  <body>
    <input class="" value="Hello World"></input>
  </body>
</html>
```

html ..

head

body ..

input


@class:

@value: Hello World

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Document

```
el.classList.toggle("test-class-name");
```

```
<html>
  <head></head>
  <body>
    <input class="test-class-name" value="Hello World"></input>
  </body>
</html>
```

html ..

head

body ..

input

@class: test-class-name

@value: Hello World

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Document

`el.parentElement`

```
<html>
  <head></head>
  <body>
    <input class="test-class-name" value="Hello World"></input>
  </body>
</html>
```

html ..

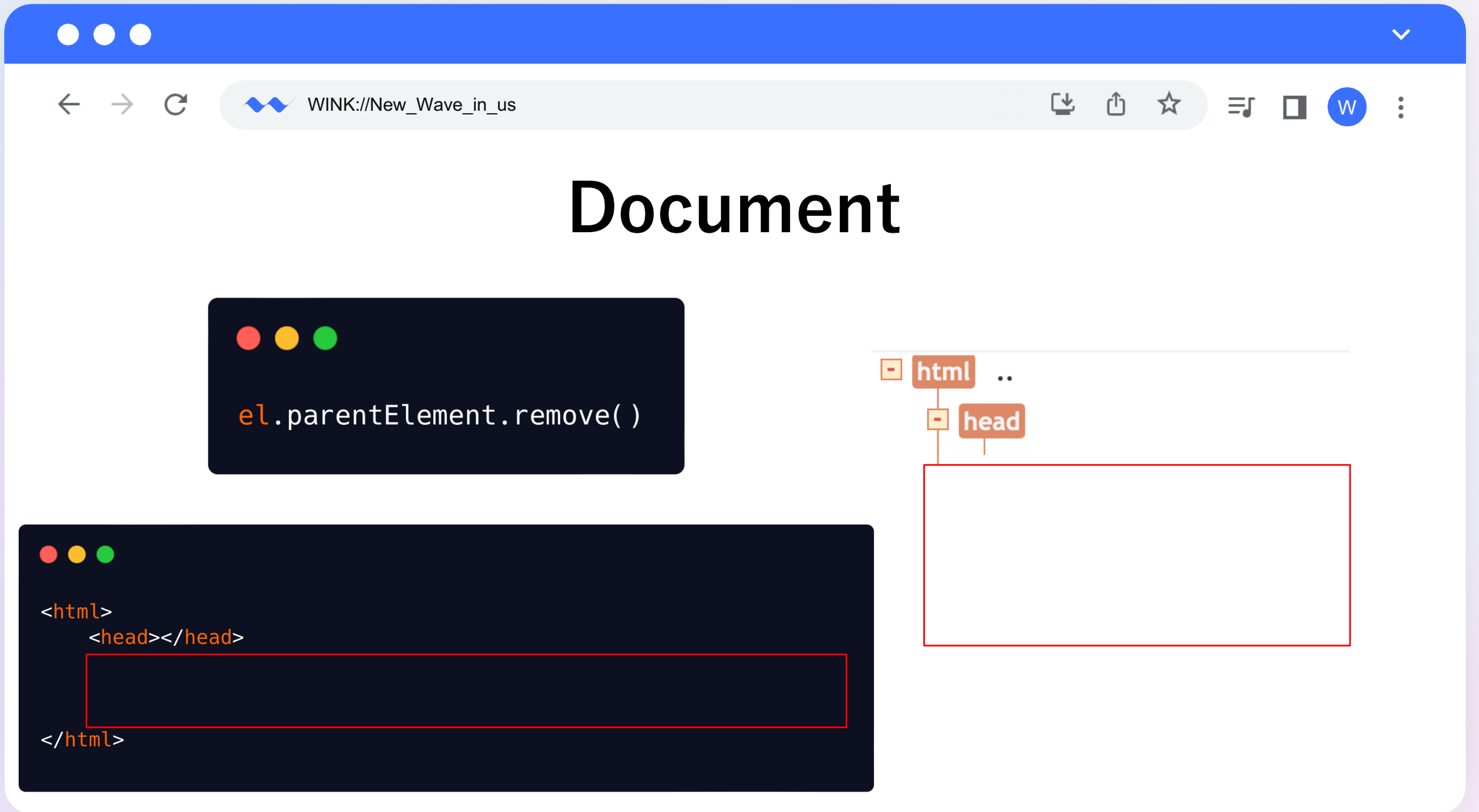
head

body ..

input

@class: test-class-name

@value: Hello World



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Document



```
el.parentElement.remove( )
```



```
<html>  
  <head></head>  

```

```
</html>
```



html

..



head





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TODO List JS 작성

- 추가, 삭제
- TODO 완료시 취소선
- 날짜 오늘로 바꾸기
- 현재 미완료 개수