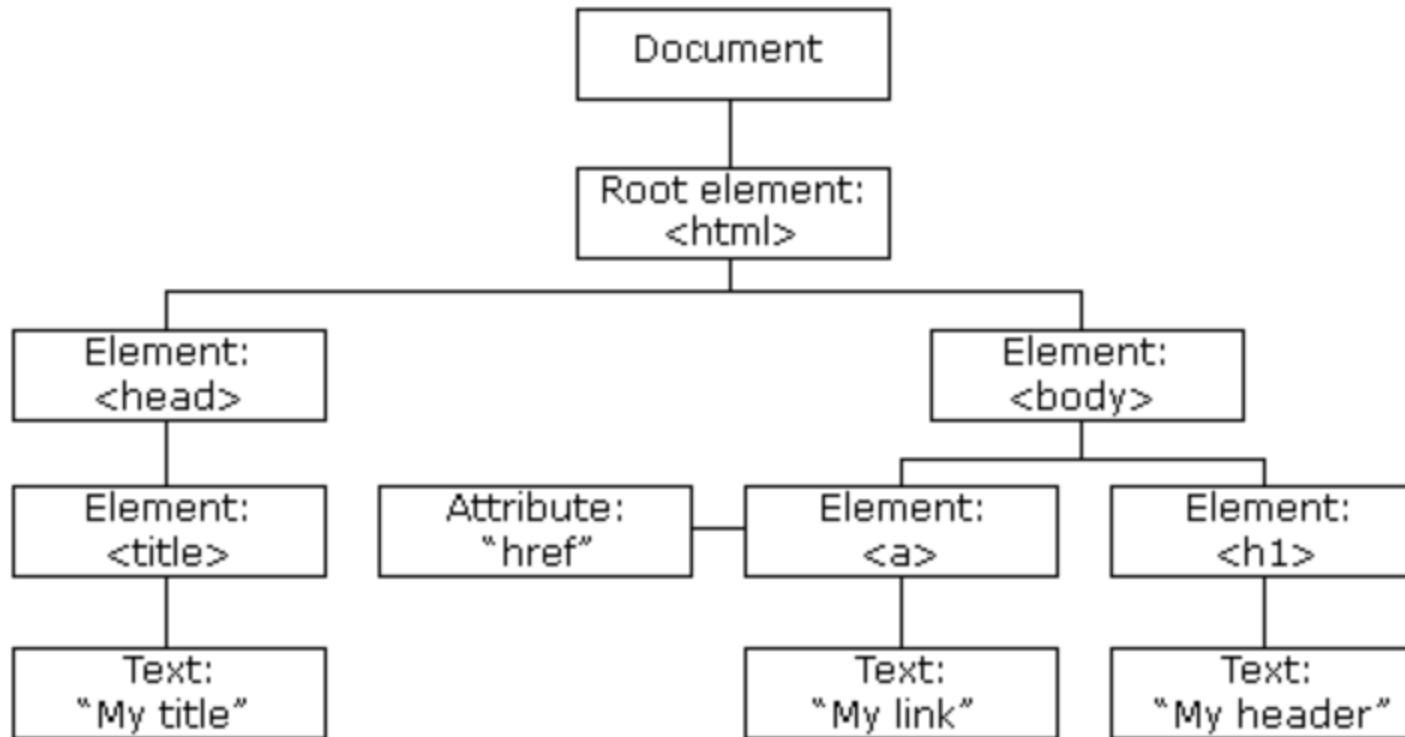


DOM Tree

The HTML DOM model is constructed as a tree of Objects



JS

With the object model, JavaScript gets all the power it needs to create dynamic HTML:

- JavaScript can change all the HTML **elements** in the page
- JavaScript can change all the HTML **attributes** in the page
- JavaScript can change all the CSS styles in the page
- JavaScript can remove existing HTML elements and attributes
- JavaScript can add new HTML elements and attributes
- JavaScript can react to all existing HTML events in the page
- JavaScript can create new HTML events in the page

What is the DOM?

The HTML DOM is a standard object model and programming interface for HTML. It defines:

- The HTML elements as objects
- The properties of all HTML elements
- The methods to access all HTML elements
- The events for all HTML elements

Requirements



Book1

\$100

Not Sold

Buy

When to click the button, the text will change to "Sold"

How to fulfill the requirements?

1. Get the button element
2. Make a click event listener for the button
3. Find the text element
4. Make the button event listener to change the text

Homework

1. add a button to `cancel`
2. when click the `cancel` button, make the color of the text to be `black`
3. change the title of the page