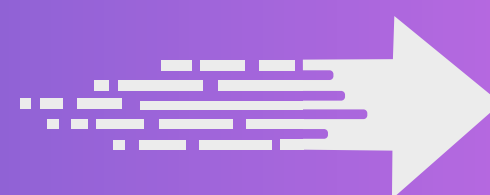




@rishabh agarwal

WHAT IS DOM?



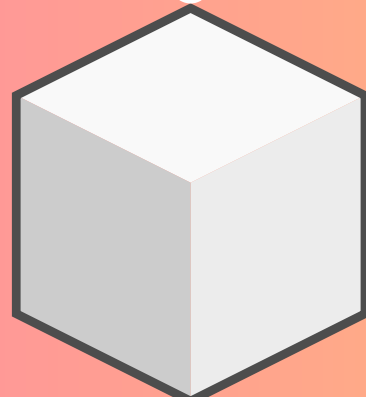
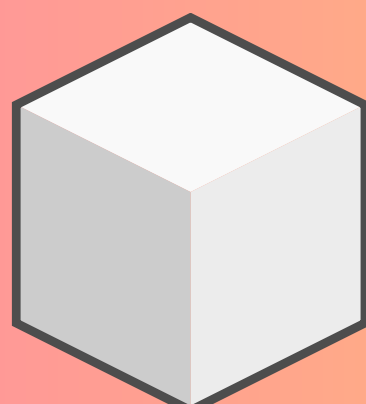
rishabh.agarwal8445416675@gmail.com

DOM stands for Document Object Model. In the world of web, all HTML webpages are referred to as documents.

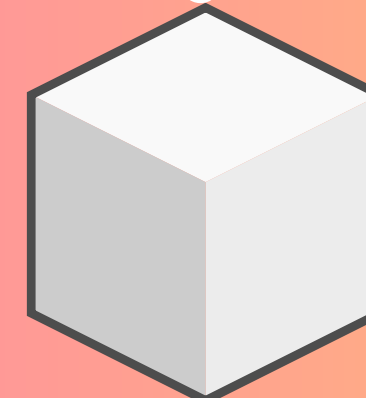
When a web page is loaded, the browser creates a **Document Object Model** of the page.

The **Document Object Model** represents each of these web pages in a tree-like structure to make it easier to access and manage the elements.

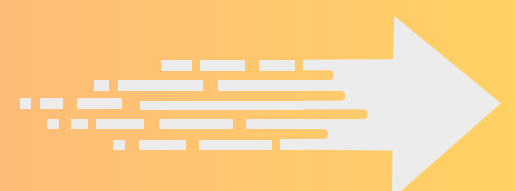
Root node



Child node

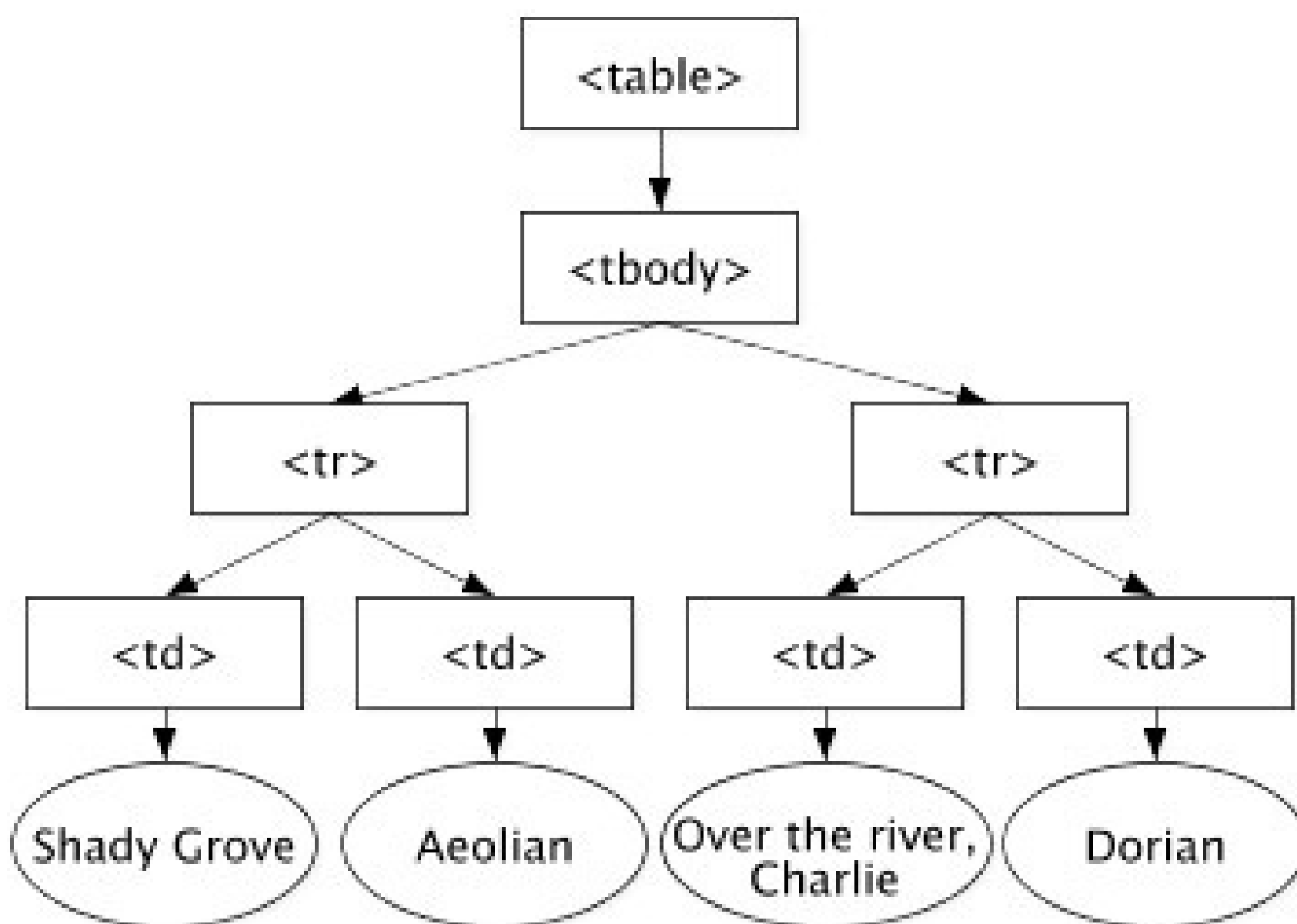


Leaf node



```
<table>
  <tbody>
    <tr>
      <td>Shady Grove</td>
      <td>Aeolian</td>
    </tr>
    <tr>
      <td>Over the River, Charlie</td>
      <td>Dorian</td>
    </tr>
  </tbody>
</table>
```

The Document Object Model of this code can be created like this:



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

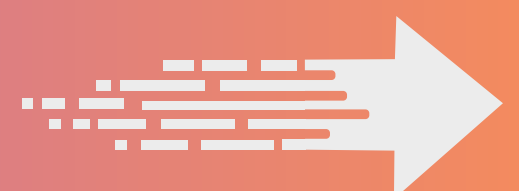
- JavaScript can change all the HTML elements in the page
 - JavaScript can change all the HTML attributes in the page

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



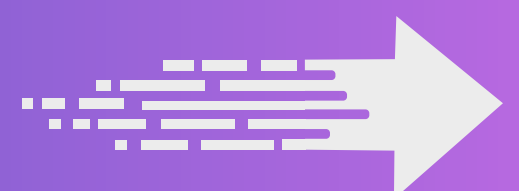
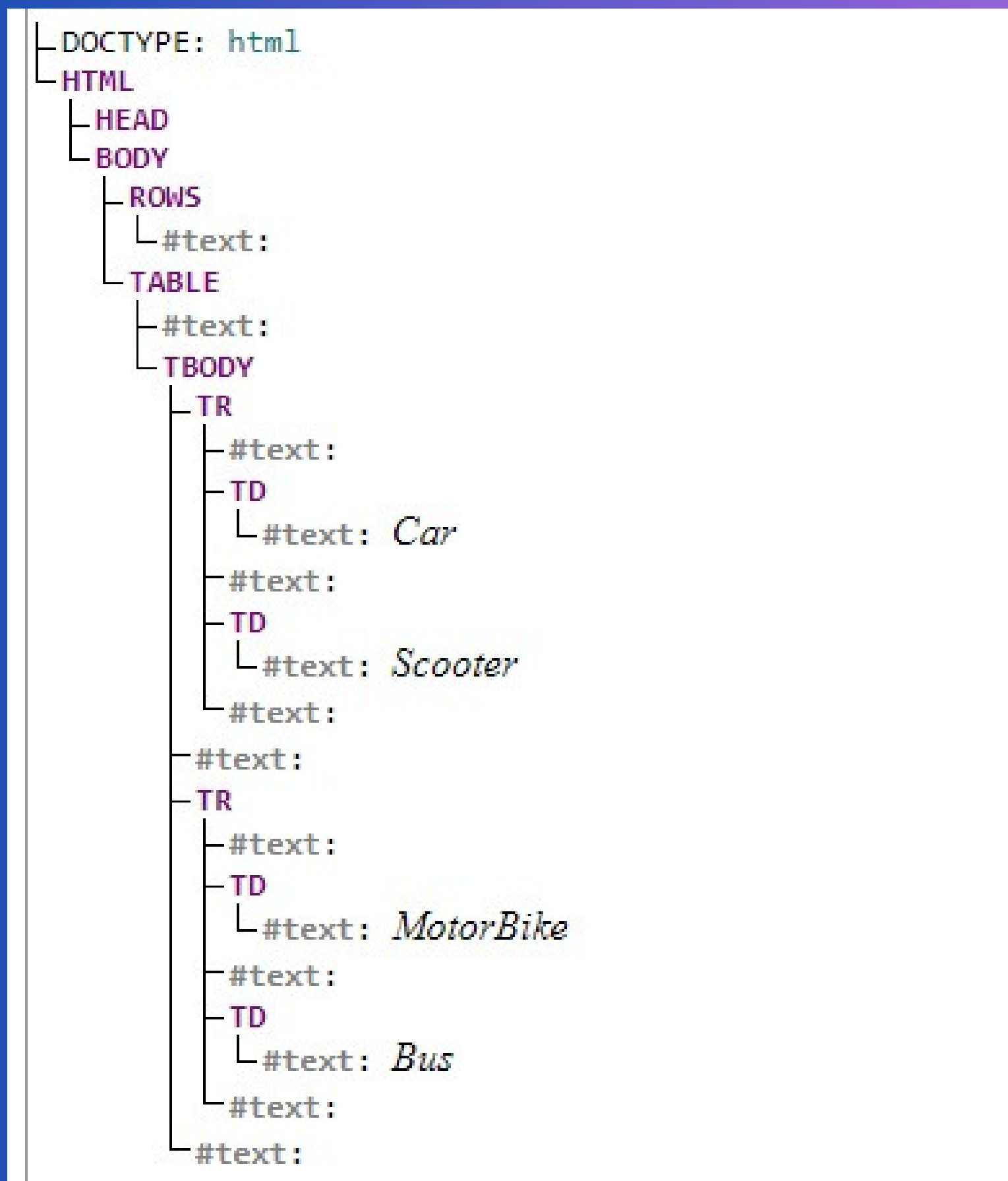
DOM defines:

The HTML elements as objects

The properties of all HTML elements

- The methods to access all HTML elements

The events for all HTML elements



List of common APIs in web and XML page scripting using the DOM.

- **document.querySelector(selector)**
- **document.querySelectorAll(name)**
- **document.createElement(name)**
- **parentNode.appendChild(node)**
- **element.innerHTML**
- **element.style.left**
- **element.setAttribute()**
- **element.getAttribute()**
- **element.addEventListener()**
- **window.content**
- **GlobalEventHandlers/onload**
- **window.scrollTo()**





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Thanks for your attention

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Like And Save it for later!

✉ rishabh.agarwal8445416675@gmail.com