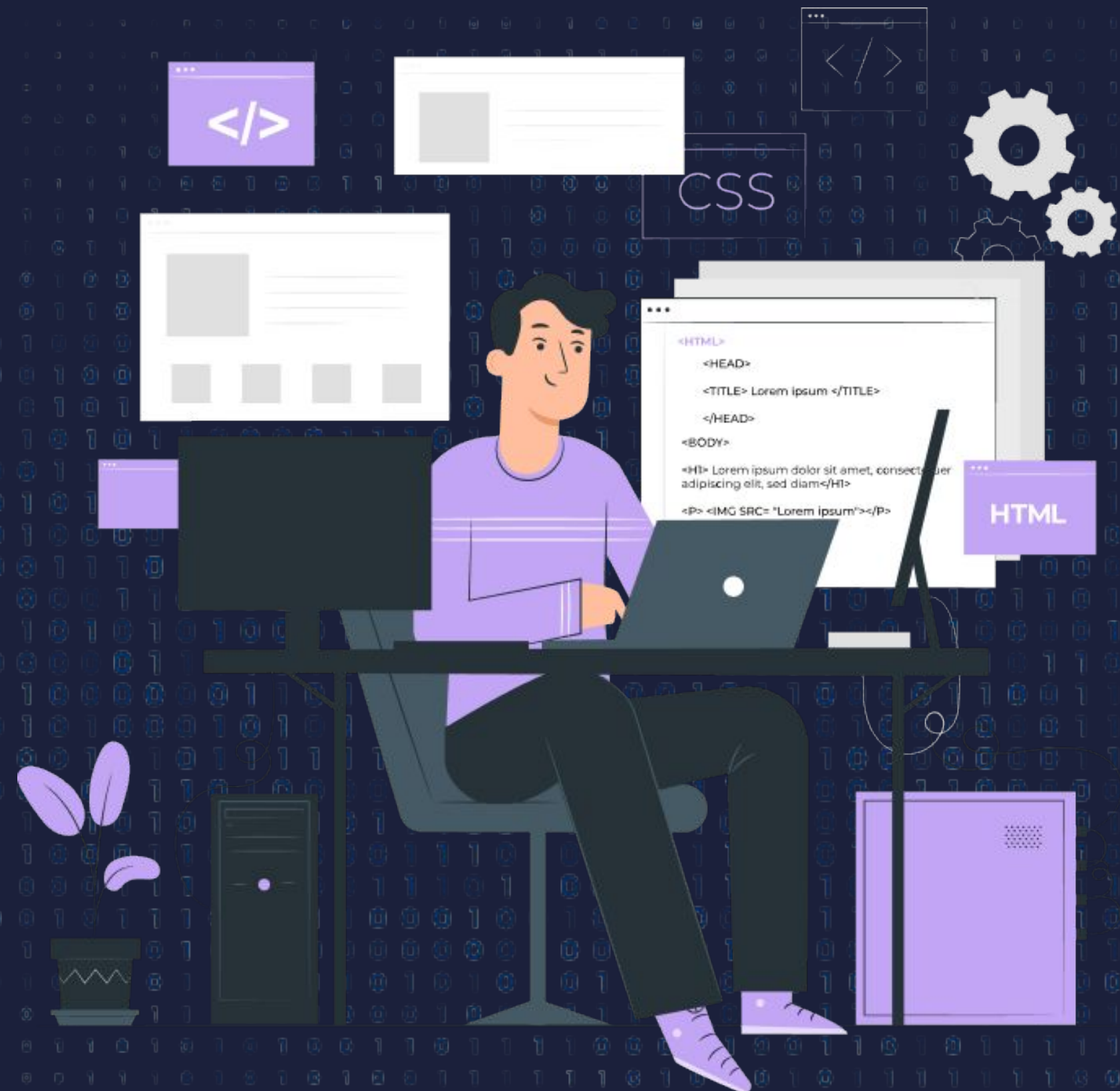




Visualize of DOM





Visualization of DOM

visualizing the DOM in JavaScript involves using the web browser's developer tools to view and manipulate the tree-like structure of objects that represent the HTML or XML document in the browser. This can be a powerful tool for debugging and understanding the structure and content of a web page.



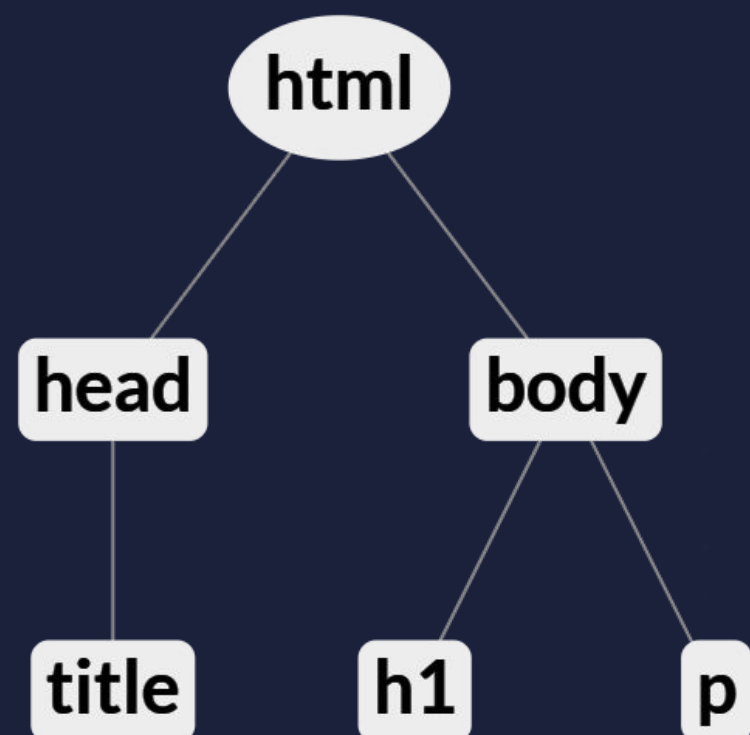
DOM representation of HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web Page</title>
  </head>
  <body>
    <h1>Welcome to my page</h1>
    <p>This is some text on my page</p>
  </body>
</html>
```

```
- Document
- html
  - head
    - title
      - "My Web Page"
  - body
    - h1
      - "Welcome to my page"
    - p
      - "This is some text on my page"
```



DOM representation of HTML





Steps to visualize DOM

- Open the Chrome browser and navigate to the web page you want to inspect.
- Press the F12 key to open the developer tools.
- Select the "Elements" tab to view the DOM tree.
- Expand or collapse nodes to view their children or siblings.
- Click on an element in the "Elements" tab or on the web page to select it and highlight the corresponding element in the DOM tree.
- Modify the DOM in real-time by right-clicking on a node and selecting "Edit as HTML" or "Edit attribute", then make your changes in the editor that appears.
- To view or modify CSS styles, select the "Styles" tab in the developer tools.



▶ THANK YOU ◀