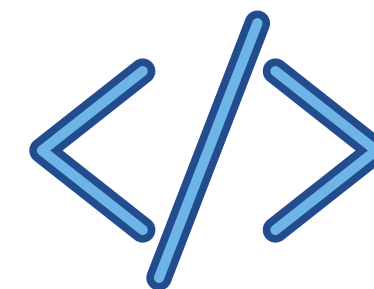


**LIVE CODE EDITOR**



# OBJECTIVES

Provide an intuitive and user-friendly interface for code editing and execution.

Enable real-time preview functionality to visualize code output instantly.

Support multiple programming languages, focusing on HTML, CSS, and JavaScript.

# USER BENEFITS

Instant feedback and preview: Users can immediately see the results of their code changes.

Learning and educational tool: Beginners can grasp coding concepts more effectively.

Collaboration and sharing: Users can collaborate on projects, provide feedback, and learn from others.

Versatility: The live code editor supports a wide range of use cases, from simple experiments to complex projects.

# TECH STACK USED



HTML



CSS



JavaScript

Font Awesome

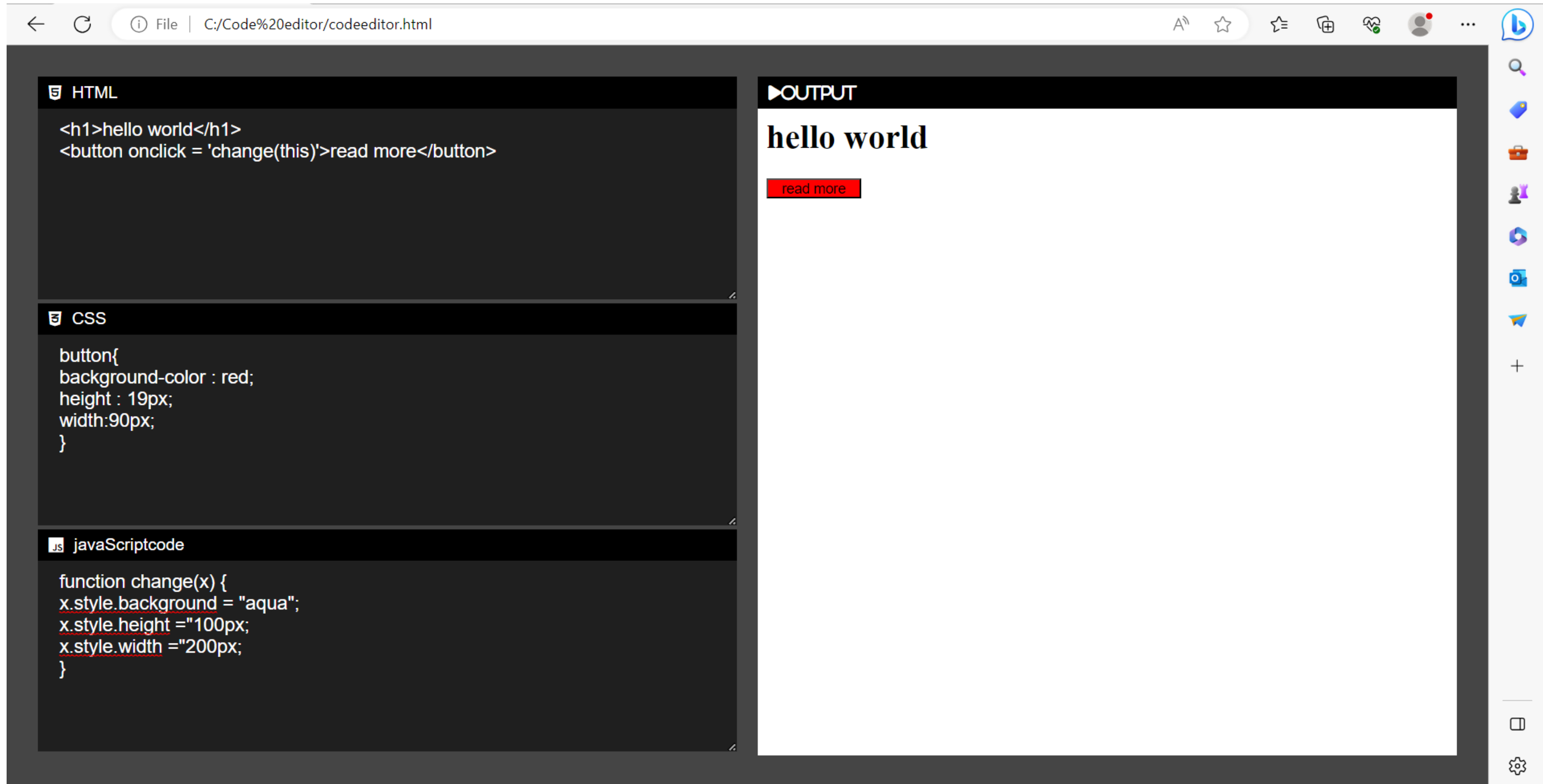
- HTML ,CSS ,JavaScript together these three technologies form the foundation of the web development stack.

## **Why we are developing website**

- Websites are highly accessible for users across different devices and platforms.
- Websites built using web technologies (HTML, CSS, JavaScript) are inherently cross-platform compatible.

# Before clicking on button

Demo video



# After clicking on button

The screenshot shows a web browser window with a dark theme. The address bar displays the file path `C:/Code%20editor/codeeditor.html`. The browser interface includes standard navigation buttons (back, forward, refresh) and a search bar. The left sidebar contains three panels: **HTML**, **CSS**, and **JavaScript code**.

**HTML Panel:**

```
<h1>hello world</h1>
<button onclick = 'change(this)'>read more</button>
```

**CSS Panel:**

```
button{
background-color : red;
height : 19px;
width:90px;
}
```

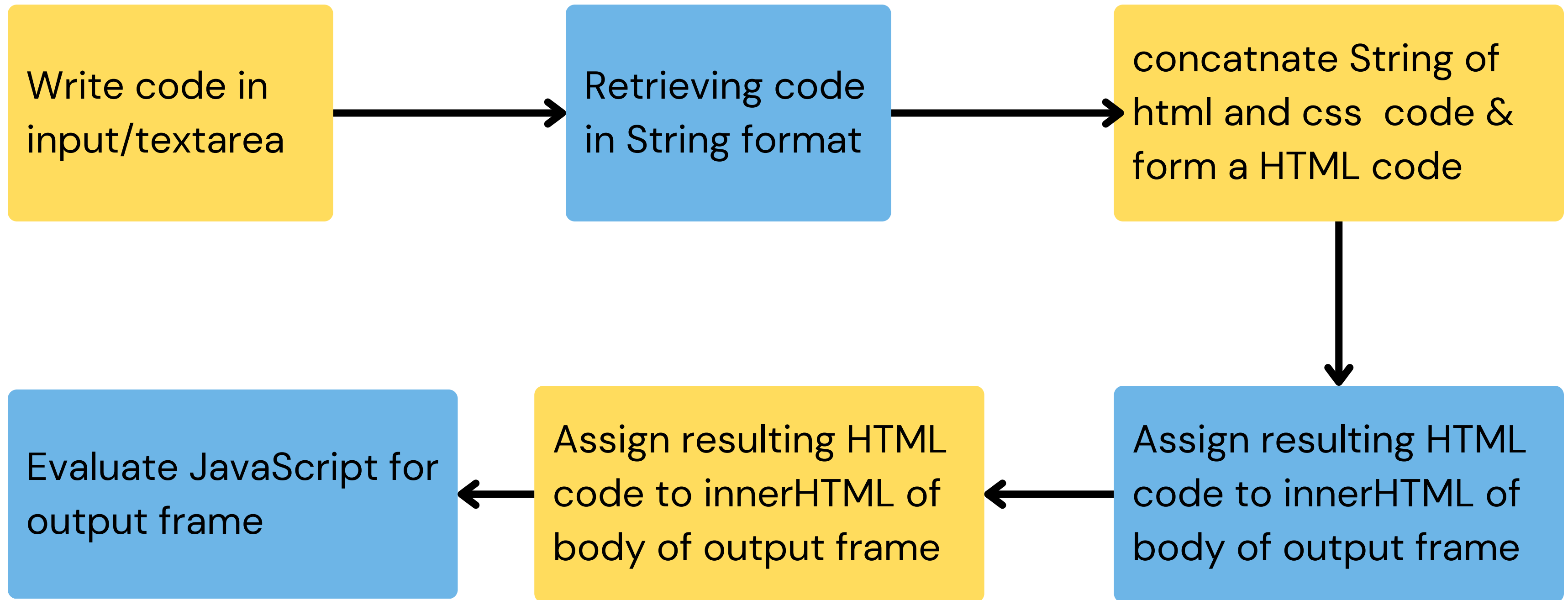
**JavaScript code Panel:**

```
function change(x) {
x.style.background = "aqua";
x.style.height ="100px;
x.style.width ="200px;
}
```

**OUTPUT Panel:**

The rendered page displays the text "hello world" in a large, bold, black font. Below the text is a red rectangular button with the text "read more" in white.

# WORK FLOW



# CHALLENGES FACED:

JavaScript Error : "document is not defined " in js file

- Cause of error was due to Node.js environment.
- When working with JavaScript in a Node.js environment, the Document Object is not inherently accessible.
- Solution: Uninstallation of Node js extension and keeping simple environment for javascript.



***Thank you for  
considering my  
work and  
investing your  
valuable time in  
reviewing my PPT.***