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//EXP-10

index.html

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Browser and Screen Details</title>

    <script src="script.js"></script>

</head>

<body>

    <h1>Browser and Screen Details</h1>

    <div>

        <p><strong>Browser Name:</strong> <span id="browserName"></span></p>

        <p><strong>Browser Version:</strong> <span
id="browserVersion"></span></p>

        <p><strong>Screen Width:</strong> <span id="screenWidth"></span></p>

        <p><strong>Screen Height:</strong> <span
id="screenHeight"></span></p>

        <p><strong>History Length (Stack):</strong> <span
id="historyLength"></span></p>

        <p><strong>Number of Paragraph Tags:</strong> <span
id="paraCount"></span></p>

    </div>

    <h2>Sample Text</h2>

    <p id="sampleText">This is some text to be replaced.</p>

    <input type="text" id="newText" placeholder="Enter new text">

    <button id="replaceTextButton">Replace Text</button>

</body>

</html>
```

script.js

```

const browserNameElement = document.getElementById('browserName');
const browserVersionElement = document.getElementById('browserVersion');
const userAgent = navigator.userAgent;

const browserInfo =
userAgent.match(/(firefox|msie|chrome|safari|opr|edg|brave)\/?\s*(\d+)/i) ||
[];

const browserName = browserInfo[1];
const browserVersion = browserInfo[2];

browserNameElement.innerText = browserName ?
browserName.charAt(0).toUpperCase() + browserName.slice(1) : "Unknown";
browserVersionElement.innerText = browserVersion || "Unknown";
document.getElementById('screenWidth').innerText = screen.width;
document.getElementById('screenHeight').innerText = screen.height;
document.getElementById('historyLength').innerText = history.length;
const paraCount = document.getElementsByTagName('p').length;
document.getElementById('paraCount').innerText = paraCount;
document.getElementById('replaceTextButton').addEventListener('click', () =>
{
    const newText = document.getElementById('newText').value;
    const sampleTextElement = document.getElementById('sampleText');
    sampleTextElement.innerText = newText || "The text has been replaced!";
});

```

OUTPUT:

