

# BET CheatSheet

## HTML (Hypertext Markup Language)

HTML is used for structuring the content of a web page.

### Basic HTML Structure

```
<!DOCTYPE html>
<html>
<head>
  <title>Page Title</title>
</head>
<body>
  <h1>Hello, World!</h1>
  <p>This is a paragraph.</p>
</body>
</html>
```

### Common HTML Tags

- `<h1>` to `<h6>`: Headings
- `<p>`: Paragraph
- `<a href="URL">Link Text</a>`: Create hyperlinks
- ``: Insert images
- `<ul>` and `<ol>`: Unordered and ordered lists
- `<li>`: List items

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## CSS (Cascading Style Sheets)

CSS is used for styling web pages.

### Adding CSS

You can add CSS to your HTML document within a `<style>` element in the `<head>` section or link an external CSS file.

```
<head>
  <link rel="stylesheet" type="text/css" href="styles.css">
</head>
```

# Basic CSS Rules

```
/* Select an element by its tag */
h1 {
  color: red;
}

/* Select elements by class */
.button {
  background-color: blue;
}

/* Select elements by ID */
#header {
  font-size: 24px;
}
```

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## JavaScript

JavaScript adds interactivity to web pages.

### Adding JavaScript

You can add JavaScript to your HTML document within a `<script>` element in the `<head>` or at the end of the `<body>`.

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

## Basic JavaScript

```
// Variables
let name = "John";
const age = 25;

// Functions
function greet(person) {
  return "Hello, " + person;
}

// Events
document.getElementById("myButton").addEventListener("click", function() {
  alert("Button clicked!");
});
```

# Useful Websites

- [W3Schools JavaScript Tutorial](#)
- [Mozilla Developer Network \(MDN\) JavaScript Basics](#)