

<b>Ex.No: 1</b>	<b>Study Exercise</b>
<b>Date: 11-12-2024</b>	

## Introduction

HTML (HyperText Markup Language) is the standard language for creating webpages. It uses tags to structure content and attributes to provide additional information about elements.

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## 1. Basic HTML Tags

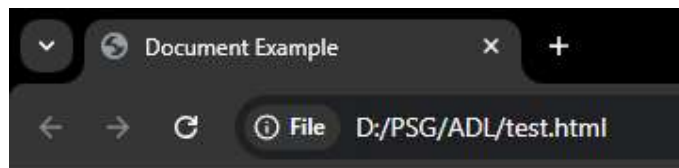
### 1.1 Document Tags

These tags define the overall structure of an HTML document.

#### Example

```
<!DOCTYPE html>
<html>
  <head>
    <title>Document Example</title>
  </head>
  <body>
    <p>This is the body of the document.</p>
  </body>
</html>
```

#### Output



This is the body of the document.

### 1.2 Grouping Tags

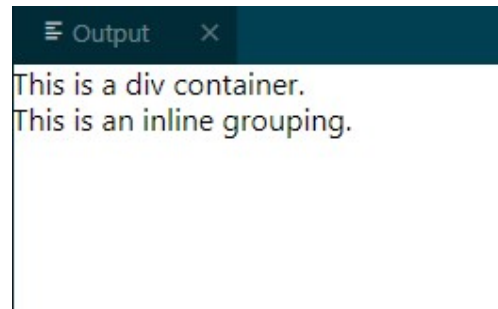
Grouping tags are used to group content together.

#### Example

```
<!DOCTYPE html>  
<html>  
  <body>
```

```
<div>
  <p>This is a div container.</p>
</div>
<span>This is an inline grouping.</span>
</body>
</html>
```

## Output



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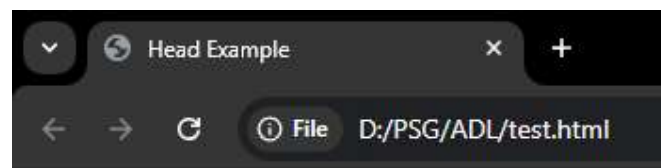
## 1.3 Head Tags

Head tags provide metadata and links to resources for the document.

### Example

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Head Example</title>
  </head>
  <body>
    <p>Check the browser tab for the title.</p>
  </body>
</html>
```

## Output



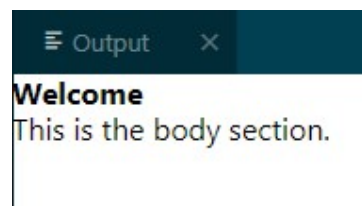
## 1.4 Body Tags

The `<body>` tag contains all the visible content.

### Example

```
<!DOCTYPE html>
<html>
  <body>
    <h1>Welcome</h1>
    <p>This is the body section.</p>
  </body>
</html>
```

### Output



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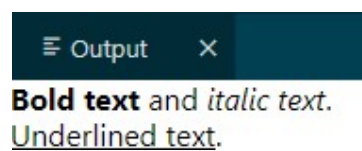
## 1.5 Text-Level Flow Tags

Text-level tags are used to style inline content.

### Example

```
<!DOCTYPE html>
<html>
  <body>
    <p><strong>Bold text</strong> and <em>italic text</em>.</p>
    <p><u>Underlined text</u>.</p>
  </body>
</html>
```

### Output

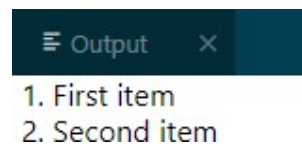


## 1.6 Ordered Lists

### Example

```
<!DOCTYPE html>
<html>
  <body>
    <ol>
      <li>First item</li>
      <li>Second item</li>
    </ol>
  </body>
</html>
```

### Output



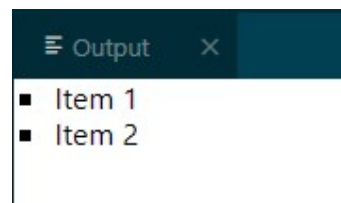
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## 1.7 Unordered Lists

### Example

```
<!DOCTYPE html>
<html>
  <body>
    <ul>
      <li>Item 1</li>
      <li>Item 2</li>
    </ul>
  </body>
</html>
```

### Output

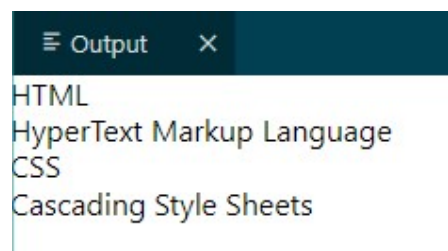


## 1.8 Definition Lists

### Example

```
<!DOCTYPE html>
<html>
  <body>
    <dl>
      <dt>HTML</dt>
      <dd>HyperText Markup Language</dd>
      <dt>CSS</dt>
      <dd>Cascading Style Sheets</dd>
    </dl>
  </body>
</html>
```

## Output

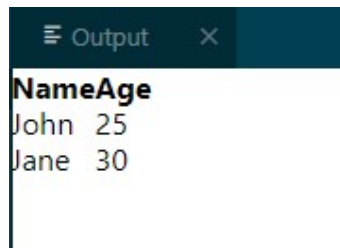


## 1.9 Table Tags

### Example

```
<!DOCTYPE html>
<html>
  <body>
    <table border="1">
      <tr>
        <th>Name</th>
        <th>Age</th>
      </tr>
      <tr>
        <td>John</td>
        <td>25</td>
      </tr>
      <tr>
        <td>Jane</td>
        <td>30</td>
      </tr>
    </table>
  </body>
</html>
```

## Output



The screenshot shows a code editor with a dark theme. A tab labeled 'Output' is active. Below the tab, a table is displayed with two columns: 'Name' and 'Age'. The first row contains 'John' and '25', and the second row contains 'Jane' and '30'.

Name	Age
John	25
Jane	30


## 1.10 Table Borders

Adding the `border` attribute to a table for visible borders.

### Example

```
<!DOCTYPE html>
<html>
  <body>
    <table border="2">
      <tr>
        <th>Item</th>
        <th>Price</th>
      </tr>
      <tr>
        <td>Book</td>
        <td>$10</td>
      </tr>
    </table>
  </body>
</html>
```

### Output



The screenshot shows a web browser window with a dark toolbar. Below the toolbar, a table is displayed with two columns: 'Item' and 'Price'. The first row contains 'Book' and '\$10'. The table has a double border.

Item	Price
Book	\$10

This document provides an introduction to the basics of HTML and demonstrates commonly used tags with examples and outputs.