

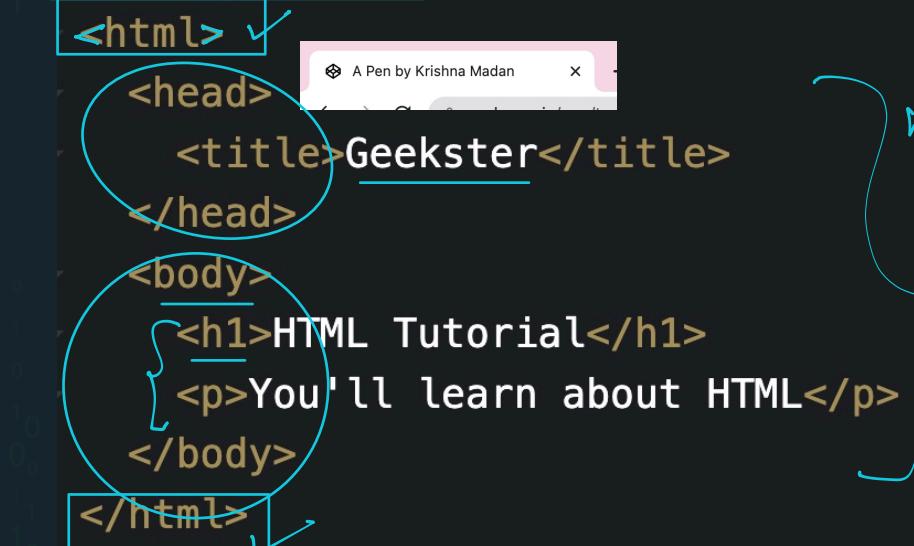
What is HTML?

HTML → HyperText Markup Language

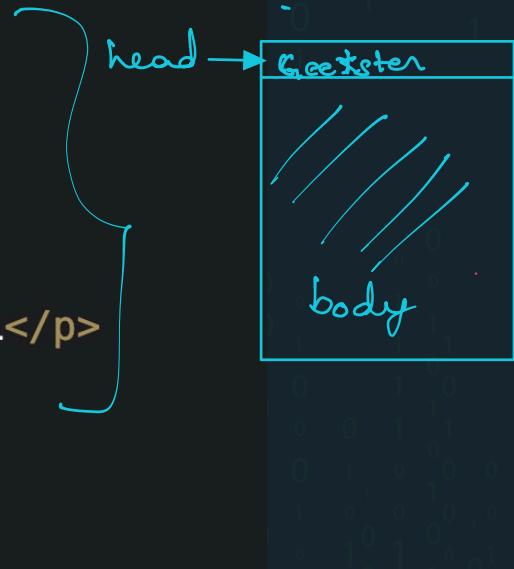
HyperText → Organising way of text
Navigate text
Related Information

Markup Language → Structured format into text format

✓ <!Doctype HTML> → html document



```
<!DOCTYPE HTML>
<html>
  <head>
    <title>Geekster</title>
  </head>
  <body>
    <h1>HTML Tutorial</h1>
    <p>You'll learn about HTML</p>
  </body>
</html>
```



HTML Tutorial

You'll learn about HTML

What are HTML Elements.

element
content
`<p>You'll learn about HTML</p>`

opening tag

closing tag

Attributes

opening tag

`<p>You'll learn about HTML</p>`

`<a href =`

url

Content

`</body>`

link

Geekster

Geekster

hyper - reference

redirected to the url

Challenges

1. Paragraph

title

HTML is fun to learn.

```
<p> </p>
```

Body }

```
<body>
  <p>HTML is fun to learn</p>
</body>
```

Spaces

```
<p>HTML is fun to learn
  HTML is easy!
  We can learn it fast.
</p>
```

HTML is fun to learn HTML is easy! We can learn it fast.

Adding the Line breaks in our paragraph

```
<br>
<body>
  <p>We can use the <br> HTML br tag <br> to add a break line. </p>
</body>
```

We can use the
HTML br tag
to add a break line.

Pre-formatted tag

`<pre>`

This text
will be
displayed

in the same manner
as it is written

Output

Code :
`<pre>`
 This text
will be
displayed

in the same manner
as it is written
`</pre>`

Challenge

`<p>`

``

We can use other tags like **the strong tag to emphasize text**

``

`</p>`

`<body>`

`<p>We can use other tags like the strong tag to emphasize text </p>`

`</body>`

Challenge

This is heading 1. → h1

This is heading 2. → h2

This is heading 3. → h3

This is heading 4. → h4

This is heading 5. → h5

This is heading 6. → h6

```
<h1>This is heading 1.</h1>
<h2>This is heading 1.</h2>
<h3>This is heading 1.</h3>
<h4>This is heading 1.</h4>
<h5>This is heading 1.</h5>
<h6>This is heading 1.</h6>
```

Table

opening tag → Attribute

Name	Age	Country
Harry Depp	28	Britain
John Smith	35	USA
Ram Krishna	19	Nepal

table heading

heading

(data)

<td>

col

row

Diagram illustrating the mapping between an HTML table structure and its corresponding data representation.

Name	Age	Country
Harry Depp	28	Britain
John Smith	35	USA
Ram Krishna	19	Nepal

HTML Structure:

```

<table border = "1">
  <thead>
    <tr>
      <th>Name</th>
      <th>Age</th>
      <th>Country</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Harry Depp</td>
      <td>28 </td>
      <td>Britain </td>
    </tr>
    <tr>
      <td>John Smith</td>
      <td>35 </td>
      <td>USA </td>
    </tr>
    <tr>
      <td>Ram Krishna</td>
      <td>19 </td>
      <td>Nepal </td>
    </tr>
  </tbody>
</table>

```

Annotations:

- head:** Points to the `<thead>` section of the HTML, which contains the column headers `Name`, `Age`, and `Country`.
- data:** Points to the `<tbody>` section of the HTML, which contains three rows of data.

List

Diagram illustrating three types of lists:

- unordered**: Represented by a circle containing four bullet points:
 - List item
 - List item
 - List item
 - List item
- ordered**: Represented by a rectangle containing four numbered items:
 1. 1st item
 2. 2nd item
 3. 3rd item
 4. 4th item
- Description list**: Represented by a rectangle containing three entries, each with a title and a description:

List item title	- list item description
List item title	- list item description
List item title	- list item description

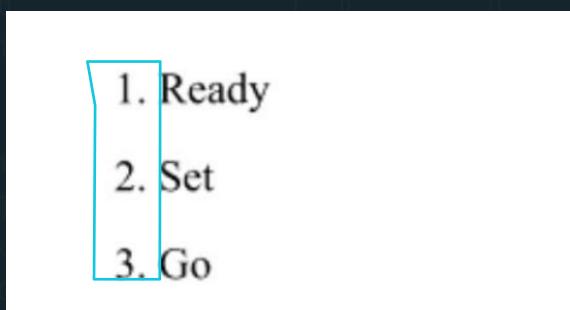
→ **unordered**
 → **ordered**
 → **Description list**

Unordered List



```
<body>
  <ul> unordered list
    <li>Apple</li> list item
    <li>Orange</li>
    <li>Mango</li>
  </ul>
```

Order List



→ ordered list

```
<body>
  <ol> → ordered list
    <li>Ready</li> → list item
    <li>Set</li>
    <li>Go</li>
  </ol>
</body>
```

```
<body>
  <ol start="5">
    <li>Ready</li>
    <li>Set</li>
    <li>Go</li>
  </ol>

  <body>
    <ol type ="I">
      <li>Ready</li>
      <li>Set</li>
      <li>Go</li>
    </ol>
  </body>
```

→ reversed

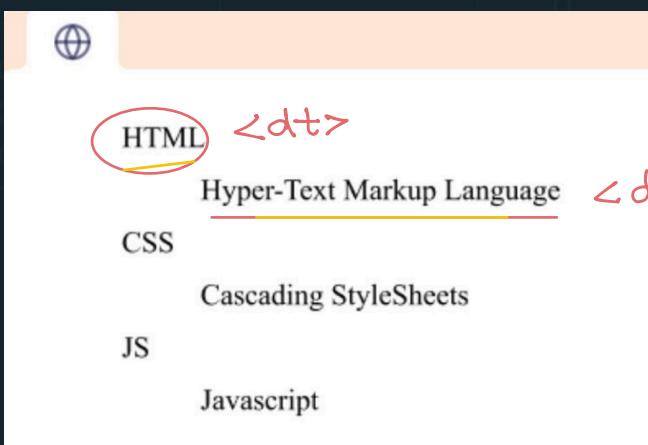
```
<body>
  <ol reversed>
    <li>Ready</li>
    <li>Set</li>
    <li>Go</li>
  </ol>
```

→ type A

```
<body>
  <ol type ="A">
    <li>Ready</li>
    <li>Set</li>
    <li>Go</li>
  </ol>
</body>
```

```
<body>
  <ol type ="a">
    <li>Ready</li>
    <li>Set</li>
    <li>Go</li>
  </ol>
</body>
```

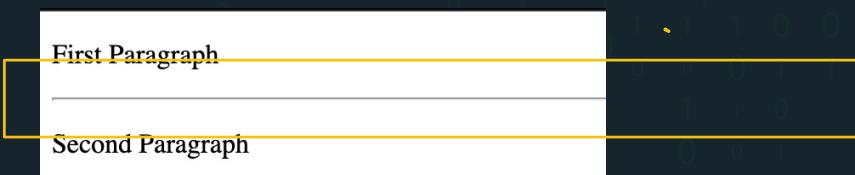
Description List $\langle dl \rangle$ $\langle dd \rangle$



\rightarrow title
 \rightarrow data

```
<body>
  <dl>
    <dt>HTML</dt> Title/text
    <dd>Hyper-Text Markup Language</dd> data
    <dt>CSS</dt>
    <dd>Cascading StyleSheet</dd>
    <dt>JS</dt>
    <dd>Javascript</dd>
  </dl>
</body>
```

Horizontal Line



Links -> tag

Attribute
`Geekster`

Image Tag

source ✓ Attribute
``



Bold tag

```
5   </head>
6  <body>
7    <b>This text is bold.</b>
8    <p><strong>This is a strong tag</strong></p>
9
10   </body>
11 </html>
```

This text is bold.

This is a strong tag

Italic tag

This is a *italic* tag

```
<p>This is a <i>italic </i> tag</p>
```

emphasize tag

```
7 <p>This is a <em> emphasized </em> tag</p>
8 |
9 </body>
10 </html>
```

This is a *emphasized* tag

SuperScript

$$a^2 + b^2 = c^2$$

```
<p>a<sup>2</sup>+b<sup>2</sup>=c<sup>2</sup></p>
```

SubScript

<sub>

H_2SO_4 is chemical formula for sulphuric acid.

```

6 <body>
7   <p>H<sub>2</sub>S<sub>O</sub><sub>4</sub> is a chemical formula for sulphuric acid.</p>
8
9   </body>
10 </html>

```

H_2SO_4 is a chemical formula for sulphuric acid.

Project

Bittoo Aggarwal *h1*

Software Developer, Educator at Geekster *p*

[LinkedIn](#) [Github](#) *a* *h2*

Experience → *h2*

Software developer at Amazon → *p* → **bold**

I work with amazon in transportation team, some more description Lorem ipsum dolor sit amet consectetur adipisicing elit. Possimus, ullam! Maxime officii consequuntur libero eaque reprehenderit asperiores! Nobis, aliquid. Lorem ipsum dolor sit amet consectetur adipisicing elit. Facere ipsa ab qui autem nesciunt vel consequatur non totam, temporibus excepturi voluptatem iure impedit ut repellendus etiam necessitatibus nemo eligendi, animi debitis reiciendis suscipit. Unde iure obcaecati dolores, numquam quibusdam rerum facilis a quam quos ad ullam consectetur reiciendis deserunt similique.

Educator at Geekster *h2*

Skills *h2*

- Java
- JavaScript
- Testing
- API Designing
- System Design

Hobbies *h2*

- Table Tennis
- Reading Books
- Biography
- Teaching

Activate Windows
Go to Settings to activate Windows.