

HTML Notes for Beginners

1. What is HTML?

- **HTML = HyperText Markup Language.**
- ***It is the language of websites.***
- ***It tells the browser what to show on a webpage.***
- ***Example: text, images, links, videos.***

2. Structure of an HTML Page

Every HTML page has 3 main parts:

HTML

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```
<!DOCTYPE html>
<html>
  <head>
    <title>My Page</title>
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>This is my first webpage.</p>
  </body>
</html>
```

Explanation:

- `<!DOCTYPE html>` → ***Tells browser “This is an HTML5 page”.***
- `<html>` → ***Everything inside is part of HTML.***
- `<head>` → ***Invisible part; contains title, styles, etc.***
- `<title>` → ***Title of page (shown on browser tab).***
- `<body>` → ***Everything visible on page.***
- `<h1>` → ***Big heading.***
- `<p>` → ***Paragraph.***

3. Headings

There are 6 levels of headings:

Html

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```
<h1>Biggest Heading</h1>
<h2>Second Biggest</h2>
<h3>Medium</h3>
<h4>Small</h4>
<h5>Smaller</h5>
<h6>Smallest</h6>
```

4. Paragraphs

- **Use `<p>` for a paragraph of text:**

Html

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```
<p>This is a simple paragraph.</p>
<p>We can write anything here.</p>
```

5. Bold, Italic, and Underline

HTML

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```
<b>Bold Text</b>
<i>Italic Text</i>
<u>Underline Text</u>
```

6. Links

- Use `<a>` to make links.

HTML

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```
<a href="https://www.google.com">Go to
Google</a>
```

- `href = link address.`

7. Images

- Use `` to show pictures.

HTML

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```

```

- `src` = picture location
- `alt` = text if image does not load
- `width` = size in pixels

8. Lists

a) Ordered List (numbered)

HTML

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```
<ol>
  <li>Apple</li>
  <li>Banana</li>
  <li>Mango</li>
</ol>
```

b) Unordered List (bullets)

HTML

 Copy code

```
<ul>
  <li>Car</li>
  <li>Bike</li>
  <li>Bus</li>
</ul>
```

9. Tables

HTML

Copy code

```
<table border="1">
  <tr>
    <th>Name</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Manik</td>
    <td>17</td>
  </tr>
  <tr>
    <td>Rahul</td>
    <td>18</td>
  </tr>
</table>
```

- `<table>` → **table**
- `<tr>` → **table row**
- `<th>` → **table heading**
- `<td>` → **table data**