

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

 *Copy code*

```
<!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*