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Reference: [Sudad H. Abed](#)

What is HTML?

- HTML is the standard markup language for creating Web pages.

- HTML stands for Hyper Text Markup Language.
- HTML describes the structure of Web pages using markup.
- HTML elements are the building blocks of HTML pages.
- HTML elements are represented by tags.
- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on.
- Browsers do not display the HTML tags, but use them to render the content of the page.

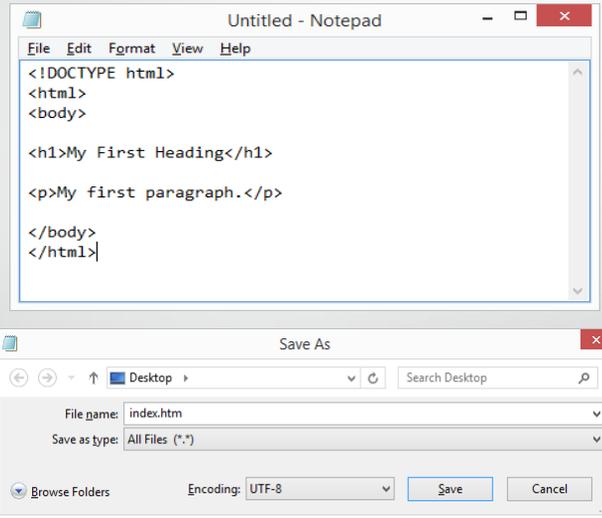
Tag structure

```
<tagname>Content goes here...</tagname>
```

HTML Page Structure

```
<!DOCTYPE html>  
<html>  
  <head>  
    <title>Page Title</title>  
  </head>  
  <body>  
    <h1>My First Heading</h1>  
    <p>My first paragraph.</p>  
  </body>  
</html>
```

Editors



HTML Headings

- HTML headings are defined with the **<h1>** to **<h6>** tags.
- **<h1>** defines the most important heading. **<h6>** defines the least important heading:
 - <h1>**This is heading 1</h1>
 - <h2>**This is heading 2</h2>
 - <h3>**This is heading 3</h3>
 - <h4>**This is heading 4</h4>
 - <h5>**This is heading 5</h5>
 - <h6>**This is heading 6</h6>

HTML Paragraphs

- HTML paragraphs are defined with the `<p>` tag:

```
<p>This is a paragraph.</p>
```

HTML Links

- HTML links are defined with the `<a>` tag:

```
<a href="https://www.google.com">This is a link</a>
```

HTML Images

- HTML images are defined with the `` tag.
- The source file (`src`), alternative text (`alt`), width, and height are provided as attributes:

```

```

HTML Attributes

- All HTML elements can have **attributes**
- Attributes provide **additional information** about an element
- Attributes are always specified in **the start tag**
- Attributes usually come in name/value pairs like: **name="value"**

```

```

```

```

HTML Styles

- The HTML Style Attribute
- Setting the style of an HTML element, can be done with the **style attribute**.
- The HTML style attribute has the following **syntax**:
- `<tagname style="property:value;"><tagname>`

```
<body style="background-color:powderblue;">
  <p>I am normal</p>
  <p style="color:red;">I am red</p>
  <p style="color:blue;">I am blue</p>
  <p style="font-size:36px;">I am big</p>
</body>
```

HTML Styles (cont.)

- The **font-family** property defines the font to be used for an HTML element:

```
<h1 style="font-family:verdana;">This is a heading</h1>
<p style="font-family:courier;">This is a paragraph.</p>
```

- The **font-size** property defines the text size for an HTML element:

```
<h1 style="font-size:300%;">This is a heading</h1>
<p style="font-size:160%;">This is a paragraphh.</p>
```

- The **text-align** property defines the horizontal text alignment for an HTML element:

```
<h1 style="text-align:center;">Centered Heading</h1>
<p style="text-align:center;">Centered paragraph.</p>
```