HTML Tags

Basic Syntax:

```
<!DOCTYPE html>
<html>
    <head>
        <title>
            Title of the web page
        </title>
    </head>
    <body>
        Content of the web page
    </body>
</html>
```

Heading Tag

```
<h1>hello</h1> -----→ Largest size
<h2>hello</h2>
<h3>hello</h3>
<h4>hello</h4>
<h5>hello</h5>
<h6>hello</h6> ----→ Least size
```

Output:

hello

hello

hello

hello

hello

hello

Paragraph Tag and Break Tag:
Exercise-1:

```
<p>      Lorem ipsum dolor sit amet consectetur adipisicing elit.<br>
         Iusto aspernatur nostrum corporis maxime? Ipsam fugiat sunt animi
<br>
         enim reprehenderit quae debitis laboriosam accusamus quia, <br>
         iste officiis, aliquam quasi nesciunt?
</p>
```

Output:

Lorem ipsum dolor sit amet consectetur adipisicing elit.
Iusto aspernatur nostrum corporis maxime? Ipsam fugiat sunt animi facilis,
enim reprehenderit quae debitis laboriosam accusamus quia,
iste officiis, aliquam quasi nesciunt?

Exercise-2:

```html
<html>
    <head>
        <title>Paragraph</title>
    </head>
    <body>
        <h3>Paragraph</h3>
        <p>This paragraph contains a lot of lines in the source code,but the
browser ignores it.</p>
        <p>This paragraph contains a lot of spaces in the source code,but the
browser ignores it.</p>
        <p>The number of lines in the paragraph depends on the sixe of the
browser window.If you resize the browser window,the number of lines in the
paragraph will change.</p>

    </body>
</html>
```
Output:

Paragraph

This paragraph contains a lot of lines in the source code,but the browser ignores it.

This paragraph contains a lot of spaces in the source code,but the browser ignores it.

The number of lines in the paragraph depends on the sixe of the browser window.If you resize the browser window,the number of lines in the paragraph will change.

Exercise-3:

```html
<html>
    <head>
        <title>Para</title>
    </head>
    <body>
        <h1>This is a heading of h1</h1>
        <p>This is a paragraph using the p html tag</p>
        <h1>Second Paragraph</h1>
        <p>This is a secong paragraph I have created using the p html tag</p>
    </body>
</html>
```

This is a heading of h1

This is a paragraph using the p html tag

Second Paragraph

This is a secong paragraph I have created using the p html tag

Exercise-4:

```html
<html>
    <head>
    <title>para</title>
    </head>
    <body>
        <h2>CHINA</h2>
        <p>China has the largest population in the world.</p>
        <h2>INDIA</h2>
        <p>India has the second largest population in the world.</p>
        <h2>UNITED STATES</h2>
        <p>United States has the third largest population in the world.</p>
    </body>
</html>
```

Output:

CHINA

China has the largest population in the world.

INDIA

India has the second largest population in the world.

UNITED STATES

United States has the third largest population in the world.

Inline CSS is a method that applies CSS styling directly to HTML elements using the "style" attribute.

Syntax: <tag style = " "></tag>

Exercise 1:- Color property

```
<html>
    <body>
        <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:50px;">I am big</p>
    </body>
</html>
```
Output:

I am normal

I am red

I am blue

I am big

Exercise 2:- Background color property

```
<html>
    <body style="background-color:blue;">
        <h1>This is a heading</h1>
        <p style="color:white;">This is a paragraph</p>
    </body>
</html>
```
Output:

This is a heading

This is a paragraph

Exercise 3: - Font family

```html
<html>
    <body>
        <h1 style="font-family:calibri;color:violet">I am Ramyadas</h1>
        <p style="font-family:courier;">Hello world</p>
    </body>
</html>
```
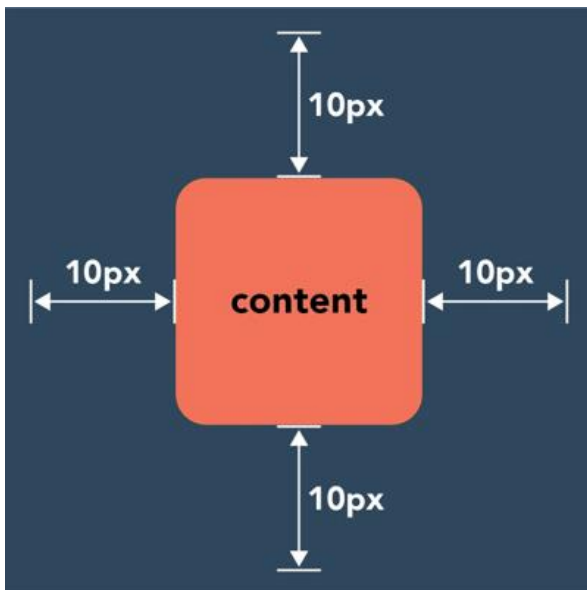
Output:

I am Ramyadas

Hello world

Exercise 4:- Margin Property

A margin is the space around an element's border.

Syntax: "margin: 10px;"


```html
<html>
    <body style="background-color: yellow;">
        <h3 style="height:200px;width:200px;margin:100px;">
        <p>The cat is a domestic species of small carnivorous mammal.</p>
        </h3>
    </body>
</html>
```

Output:

> **The cat is a domestic species of small carnivorous mammal.**

Text Formatting

Exercise 5: -

```
<html>
    <body>
        <h3><b>Bold text</b></h3><br>
        <h3><strong>Important text</strong></h3><br>
        <h3>the<i>Italic</i></h3><br>
        <h3>the<em>Emphasized</em></h3><br>
        <h3>the<mark>Marked</mark></h3><br>
        <h3>the<small>Small text</small></h3><br>
        <h3>the<del>Deleted</del></h3><br>
        <h3>the<ins>Inserted</ins></h3><br>
        <h3>the<sub>Subscript</sub></h3><br>
        <h3>the<sup>Superscript</sup></h3><br>
    </body>
</html>
```

Output:

Bold text

the~~Deleted~~

Important text

the<ins>Inserted</ins>

the*Italic*

the*Emphasized*

the_{Subscript}

the<mark>Marked</mark>

the^{Superscript}

theSmall text

Exercise 6:- Horizontal Tag

```html
<html>
    <body>
        <hr style="text-align:right;width: 250px; height: 5px; background-color: red;">
    </body>
</html>
```

Output:

Exercise 7:- Text Alignment

```html
<html>
    <body>
        <h1 style="text-align:left;">Left handling</h1>
        <p style="text-align:center;">Centered paragraph.</p>
        <p style="text-align:justify;">This example sets the background color
for a page to blue.<br>
            background color property defines the background color for an HTML
element.</p>
        <p style="text-align:right;">Right paragraph</p>
    </body>
</html>
```

Output:

Left handling

Centered paragraph.

This example sets the background color for a page to blue.
background color property defines the background color for an HTML element.

Right paragraph

Image Tag

- The **<img>** [HTML] element embeds an image into the document.
- No end tag for image tag
- **Syntax:** <img src="" alt="" style="">
- src is an attribute and contains a path of the image.
- alt is an alternative when your image file is not found.

Exercise 8:-

```html
<html>
    <body>
        <img src="./image/j.jpg" alt= "not found"
style="width:250px;height:250px;">
    </body>
</html>
```

Output:

ANCHOR TAG

**Syntax: **

```html
<html>
    <body>
        <a href="file:///D:/html/Exercise_5.html">goto border</a>
    </body>
</html>
```

OUTPUT:

goto border