

HTML Introduction

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What is HTML?



HTML

Hyper Text Markup Language

It is the standard markup language for documents designed to be displayed in a web browser.

From Wikipedia

Markup Language

Markup language refers to a text-encoding system consisting of a set of symbols inserted in a text document to control its structure, formatting, or the relationship between its parts. — [Wikipedia](#)

- HTML
- XML
- LaTeX
- Markdown

About Tags

Tags in HTML

Start tag



<html>.....</html>



Eng tag

tag name



attributes



key1 = "value1"

key2 = "value2"

<div class="hello">



Single tag

</div>

HTML Reference

Learn how to read document...

- [W3School](#)
- [MND Web Docs](#)

Corona 爆發前

```
#include<stdio.h>
✓ int main(){
    printf("Hello World!");
    return 0;
}
```

Corona 爆發後

```
#include<stdio.h>
✓ int main()
{
    printf("Hello World!");
    return 0;
}
```

HTML Structure Example

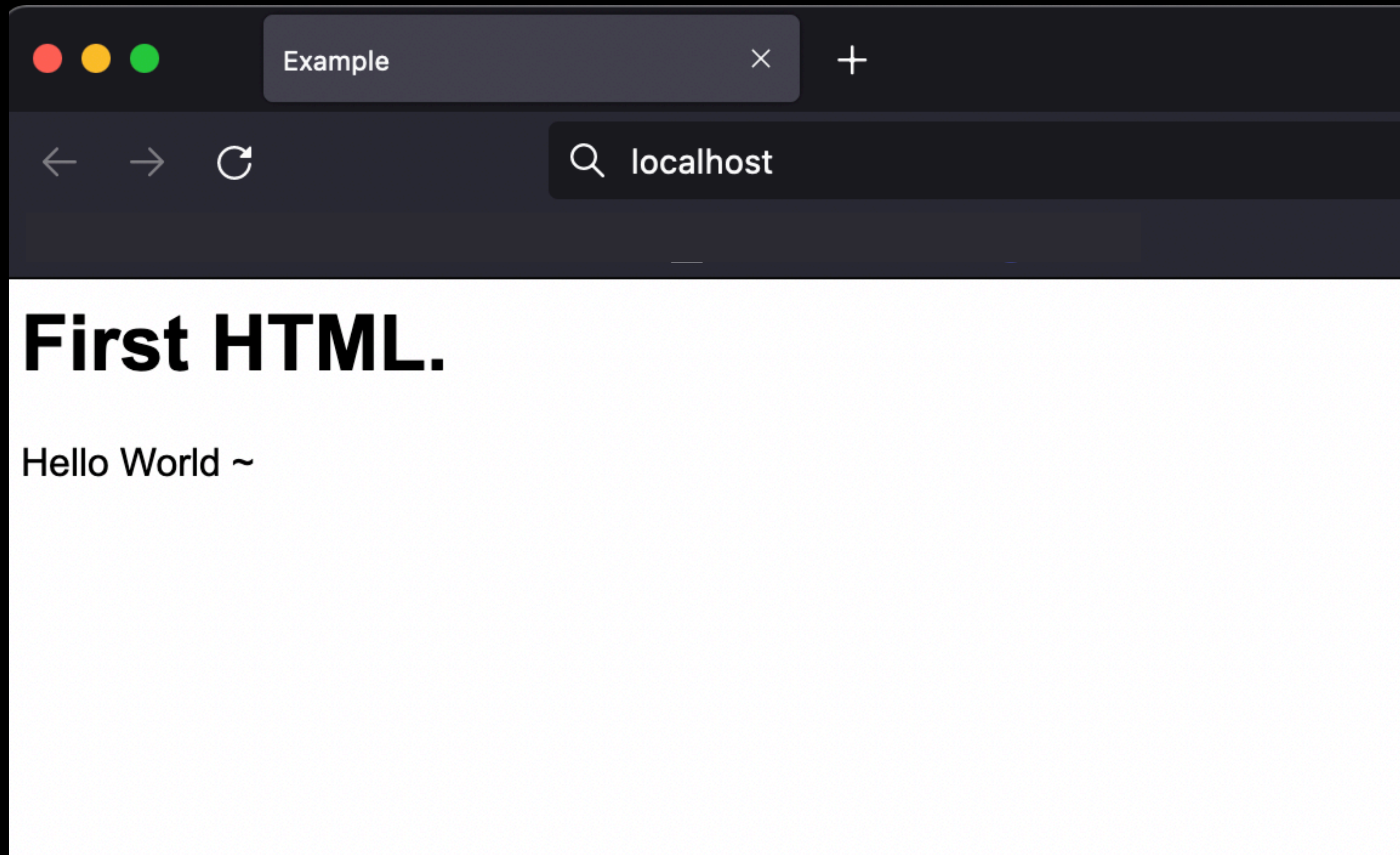


```
1  <html>
2    <head></head>
3    <body></body>
4  </html>
5
```



```
1  <html>
2    <head>
3      <title>Example</title>
4    </head>
5    <body>
6      <h1>First HTML.</h1>
7      <p>Hello World ~</p>
8    </body>
9  </html>
10
```

Result...



Visualization HTML Structure

<html>

<head>

<title>Page title</title>

</head>

<body>

<h1>This is a heading</h1>

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

<p>This is another paragraph.</p>

</body>

</html>

<head>

Declare page information or import other files.

- **<title>**
- **<link>**
- **<meta>**
- **<script>**
- **<style>**

<title>

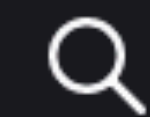
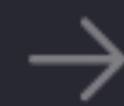
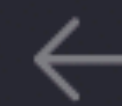
Page title



```
1 <html>
2   <head>
3     <title>Example</title>
4   </head>
5   <body>
6     <h1>First HTML.</h1>
7     <p>Hello World ~</p>
8   </body>
9 </html>
10
```



Example



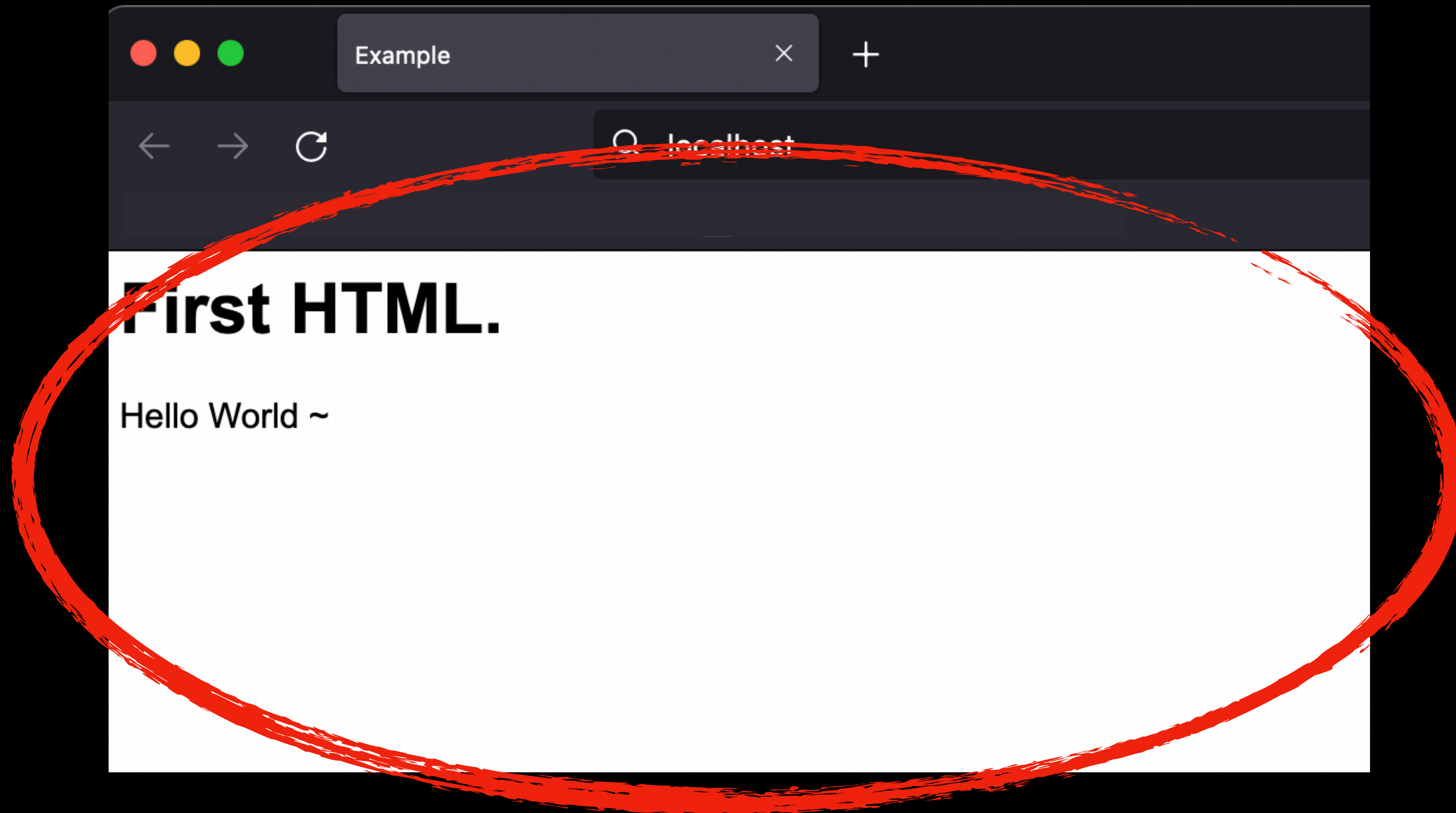
localhost

First HTML.

Hello World ~

<body>

The Content of HTML.



<h1> ~ <h6>

Content Titles



```
1 <h1>This is h1</h1>
2 <h2>This is h2</h2>
3 <h3>This is h3</h3>
4 <h4>This is h4</h4>
5 <h5>This is h5</h5>
6 <h6>This is h6</h6>
```

This is h1

This is h2

This is h3

This is h4

This is h5

This is h6

<p>

paragraph



```
1 <p>Lorem Ipsum is simply dummy text of the printing and typesetting industry.</p>
```

This is h1

Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Emphasize Text

****, **<i>**, **<small>**, ****, **<sup>**, **<sub>**, **<ins>**, ****



```
1 <p>This is normal content.</p>
2 <p><b>This is "b" tag.</b></p>
3 <p><i>This is "i" tag.</i></p>
4 <p><small>This is "small" tag.</small></p>
5 <p><strong>This is "strong" tag.</strong></p>
6 <p>This is<sup>"sup"</sup>tag.</p>
7 <p>This is <sub>"sub"</sub> tag.</p>
8 <p><ins>This is "ins" tag.</ins></p>
9 <p><del>This is "del" tag.</del></p>
```

This is normal content.

This is "b" tag.

This is "i" tag.

This is "small" tag.

This is "strong" tag.

This is "sup" tag.

This is "sub" tag.

This is "ins" tag.

~~This is "del" tag.~~



```
1  <p>
2    This is the first line.
3    This is the second line.
4  </p>
5  <p>
6    This is the first line.
7    <br />
8    This is the second line.
9  </p>
```

This is the first line. This is the second line.

This is the first line.
This is the second line.

<table>, <tr>, <td>



```
1  <table border="1">
2    <tr>
3      <td>one</td>
4      <td>two</td>
5      <td>three</td>
6    </tr>
7    <tr>
8      <td>four</td>
9      <td>five</td>
10     <td>six</td>
11   </tr>
12 </table>
```

one	two	three
four	five	six

<table> - colspan

```
1 <table border="1">
2   <tr>
3     <td colspan="2">one</td>
4     <td>three</td>
5   </tr>
6   <tr>
7     <td>four</td>
8     <td>five</td>
9     <td>six</td>
10  </tr>
11 </table>
```

one	three	
four	five	six

<table> - rowspan



```
1  <table border="1">
2    <tr>
3      <td rowspan="2">one</td>
4      <td>two</td>
5      <td>three</td>
6    </tr>
7    <tr>
8      <td>five</td>
9      <td>six</td>
10   </tr>
11 </table>
```

one	two	three
five	six	

List

, ,

- one
- two
- three
- four

1. one
2. two
3. three
4. four



```
1  <ul>
2    <li>one</li>
3    <li>two</li>
4    <li>three</li>
5    <li>four</li>
6  </ul>
7  <ol>
8    <li>one</li>
9    <li>two</li>
10   <li>three</li>
11   <li>four</li>
12  </ol>
```


Order List

Start



```
1  <ol start="8">
2    <li>one</li>
3    <li>two</li>
4    <li>three</li>
5    <li>four</li>
6  </ol>
```

8. one
9. two
10. three
11. four

Order List

Type



```
1 <ol type="a">
2   <li>one</li>
3   <li>two</li>
4   <li>three</li>
5   <li>four</li>
6 </ol>
```

- a. one
- b. two
- c. three
- d. four

Order List

Reverse



```
1 <ol reversed>
2   <li>one</li>
3   <li>two</li>
4   <li>three</li>
5   <li>four</li>
6 </ol>
```

4. one
3. two
2. three
1. four

Exercise: 自我介紹

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