



" HTML layout,Iframe,
Target Attribute"

INDEX

HTML Layout:	3
Iframe	11
Understanding the <target> Attribute	13
	17

HTML Layout:

Tag	Meaning
<code><header></code>	Top part of the page
<code><nav></code>	Menu / links area
<code><section></code>	Main topic part
<code><article></code>	Independent content (like news/blog)
<code><details></code>	Hidden content box
<code><summary></code>	Heading of hidden content
<code><aside></code>	Side information
<code><footer></code>	Bottom part of page

Input

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Semantic Tags Example</title>
5
6   <style>
7     /* CSS styling for all semantic tags */
8     header, footer, nav, section, article, aside, details {
9       border: 1px solid black;
10      padding: 10px;
11      margin: 8px;
12    }
13  </style>
14
15 </head>
16 <body>
17
18   <!-- Header: top part of the page -->
19   <header>
20     <h1>This is Header</h1>
21   </header>
22
23   <!-- Nav: used for navigation links -->
24   <nav>
25     <a href="#">Home</a> |
26     <a href="#">About</a> |
27     <a href="#">Contact</a>
28   </nav>
29
30   <!-- Section: main topic area -->
31   <section>
32     <h2>This is Section</h2>
33
34     <!-- Article: independent content (like blog/news) -->
35     <article>
36       <h3>This is Article</h3>
37       <p>Article means independent content like news, blog post etc.</p>
38
39       <!-- Details: hidden content area -->
40       <!-- Summary: clickable heading to show or hide content -->
41       <details>
42         <summary>Click to Read More</summary>
43         <p>Details and Summary are used to show hidden text.</p>
44       </details>
45     </article>
46   </section>
47
48   <!-- Aside: side information or extra content -->
49   <aside>
50     <p>This is Aside (Side information).</p>
51   </aside>
52
53   <!-- Footer: bottom part of the page -->
54   <footer>
55     <p>This is Footer</p>
56   </footer>
57
58 </body>
59 </html>
```

Output

This is Header

[Home](#) | [About](#) | [Contact](#)

This is Section

This is Article

Article means independent content like news, blog post etc.

► Click to Read More

This is Aside (Side information).

This is Footer



Iframe

It is very useful to run a web page within a web page

🧩 Flex Direction (CSS)

- Used to set the **direction of flex items**.
- Works **only when** `display: flex;` is used.

✅ Syntax:

```
flex-direction: row | row-reverse | column |  
column-reverse;
```

💡 Values:

- **row:** Left → Right (default)
- **row-reverse:** Right → Left
- **column:** Top → Bottom
- **column-reverse:** Bottom → Top

Output

Flex Direction Example

1 Row (Left to Right - Default)

A	B	C
---	---	---

2 Row-Reverse (Right to Left)

C	B	A
---	---	---

3 Column (Top to Bottom)

A
B
C

4 Column-Reverse (Bottom to Top)

C
B
A

Input

```
<!DOCTYPE html>
<html>
<head>
  <title>Flex Direction Example</title>
  <style>
    .container {
      display: flex;
      border: 2px solid black;
      height: 200px;
      margin-bottom: 10px;
    }

    .box {
      background-color: lightblue;
      border: 1px solid blue;
      padding: 20px;
      margin: 5px;
    }

    /* Try changing the value here */
    .row { flex-direction: row; }
    .row-reverse { flex-direction: row-reverse; }
    .column { flex-direction: column; }
    .column-reverse { flex-direction: column-reverse; }
  </style>
</head>
<body>

  <h2>Flex Direction Example</h2>

  <h3>1 Row (Left to Right - Default)</h3>
  <div class="container row">
    <div class="box">A</div>
    <div class="box">B</div>
    <div class="box">C</div>
  </div>

  <h3>2 Row-Reverse (Right to Left)</h3>
  <div class="container row-reverse">
    <div class="box">A</div>
    <div class="box">B</div>
    <div class="box">C</div>
  </div>

  <h3>3 Column (Top to Bottom)</h3>
  <div class="container column">
    <div class="box">A</div>
    <div class="box">B</div>
    <div class="box">C</div>
  </div>

  <h3>4 Column-Reverse (Bottom to Top)</h3>
  <div class="container column-reverse">
    <div class="box">A</div>
    <div class="box">B</div>
    <div class="box">C</div>
  </div>

</body>
</html>
```

Understanding the <target> Attribute

- **target="_self"**: The link will open in the same frame or window.
 - **target="_blank"**: The link will open in a new tab or window.
 - **target="_parent"**: The link will open in the parent frame (if applicable).
 - **target="_top"**: The link will open in the full window, replacing all frames.
- 

Make page 1 coding

```
<!doctype>
<html>
<head>
<title>page1</title>
</head>
<body>
<h2>i am page 1</h2>
<iframe src="page2.html" style=
"height:300px;width:600px;border:2px solid blue"
></iframe>
</body>
</html>
```

Make page 2 coding

```
<!doctype>
<html>
<head>
<title>page2</title>
</head>
<body>
<h2>i am page 2</h2>
<iframe src="page3.html" style=
"height:150px;width:500px;border:2px solid red"
></iframe>
</body>
</html>
```

Make page 3 coding

```
<!doctype>
<html>
<head>
<title>page3</title>
</head>
<body>
<h2>i am page 3</h2>
<a href="untitled.png" target="_self">click here for self</a><br>
<a href="untitled.png" target="_blank">click here for blank
</a><br>
<a href="untitled.png" target="_parent">click here for parent
</a><br>
<a href="untitled.png" target="_top">click here for top</a><br>
</body>
</html>
```

Now go page 1 and run

i am page 1

i am page 2

i am page 3

[click here for self](#)

[click here for blank](#)

[click here for parent](#)

[click here for top](#)

< span >

A span is an inline element used to group or style a part of text or content within a block without breaking the flow of the document.

Use: Apply styles or scripting to small portions of text.

output

This is a green word.

This word has a yellow background.

This word is underlined.

This word is in UPPERCASE.

This text is lowercase.

This text is Capitalize Each Word.

This text is none (normal text).

Input

```
<html>
<head>
  <title>Span Tag Simple Example</title>
</head>
<body>
  <p>This is a <span style="color: green;">green</span> word.</p>
  <p>This word has a <span style="background-color: yellow;">yellow
background</span>.</p>
  <p>This word is <span style="text-decoration: underline;">underlined
</span>.</p>
  <p>This word is in <span style="text-transform: uppercase;">uppercase
</span>.</p>
  <p>This text is <span style="text-transform: lowercase;">lowercase</span>.&
</p>
  <p>This text is <span style="text-transform: capitalize;">capitalize each
word</span>.</p>
  <p>This text is <span style="text-transform: none;">none (normal text)
</span>.</p>
</body>
</html>
```