



前端網絡開發人員證書

3. HTML: Intermediate

Presented by Krystal Educational Platform



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3.1 Revise

3.1 Revise



- Can you describe body structure?
- Can you name any tags of body structure?
- Can you name any common tags learnt from last lesson?



3.2 Simple layout



3.2 Simple layout



- Table: <table>, <caption>, <tr>, <th>, <td>
- Preformatted text: <pre>

3.2.1 Table: <table>

- Table row: <tr>
 - Table head: <th>
 - Table data: <td>

```
<!-- Table -->
<h3>Table</h3>
<table>
  <tr>
    <th>ID</th>
    <th>Fruites</th>
    <th>Price (HKD)</th>
  </tr>
  <tr>
    <td>1</td>
    <td>Apple</td>
    <td>$5</td>
  </tr>
  <tr>
    <td>2</td>
    <td>Banana</td>
    <td>$6</td>
  </tr>
</table>
```



Table

ID	Fruites	Price (HKD)
1	Apple	\$5
2	Banana	\$6



3.2.1 Table: <table>

- Table caption: <caption>

```
<!-- Table -->
<h3>Table</h3>
<table>
  <caption>KI Shop</caption>
  <tr>
    <th>ID</th>
    <th>Fruites</th>
    <th>Price (HKD)</th>
  </tr>
  <tr>
    <td>1</td>
    <td>Apple</td>
    <td>$5</td>
  </tr>
  <tr>
    <td>2</td>
    <td>Banana</td>
    <td>$6</td>
  </tr>
</table>
```

KI Shop		
ID	Fruites	Price (HKD)
1	Apple	\$5
2	Banana	\$6



3.2.1 Table: <table>



- Column span
 - <th> Attribute: colspan
 - colspan = “2” means combining 2 columns together

```
<br>
<table>
  <caption>KI Shop (with colspan)</caption>
  <tr>
    <th>ID</th>
    <th>Fruites</th>
    <th colspan="2">Price (HKD)</th>
  </tr>
  <tr>
    <td>1</td>
    <td>Apple</td>
    <td>$</td>
    <td>5</td>
  </tr>
  <tr>
    <td>2</td>
    <td>Banana</td>
    <td>$</td>
    <td>6</td>
  </tr>
</table>
```

KI Shop (with colspan)			
ID	Fruites	Price (HKD)	
1	Apple	\$	5
2	Banana	\$	6

3.2.2 Preformatted text: <pre>



```
<!-- Preformatted text -->
<pre>
    Text in the pre element
    is displayed just the way
    you type,      including the spacing or line skipping.
</pre>
```

Text in the pre element
is displayed just the way
you type, including the spacing or line skipping.



3.3 Symbols & Entities



3.3 Symbols & Entities



- Symbols
 - Reference:
https://www.w3schools.com/chars/sets/ref_utf_punctuation.asp

HTML Symbols

General Punctuation

Currency Symbols
Letterlike Symbols
Arrows
Math Operators
Box Drawings
Block Elements
Geometric Shapes
Misc Symbols
Dingbats
Emoji
Emoji Smileys
Emoji Skin Tones

3.3 Symbols & Entities



- Entities
 - Reference:
https://www.w3schools.com/chars/ets/ref_html_entities_a.asp

HTML Entities

HTML4 Entities

HTML5 Entities A

HTML5 Entities B

HTML5 Entities C

HTML5 Entities D

HTML5 Entities E

HTML5 Entities F

HTML5 Entities G

HTML5 Entities H

HTML5 Entities I

HTML5 Entities J

HTML5 Entities K

HTML5 Entities L

3.3 Symbols & Entities



- E.g. Currency symbols

Char	Dec	Hex	Entity	Name	
₪	8362	20AA		NEW SHEQEL SIGN	Try it
đ	8363	20AB		DONG SIGN	Try it
€	8364	20AC	€	EURO SIGN	Try it

```

<!-- Symbols -->
<p>NEW SHEQEL SIGN &#8362;</p>
<p>DONG SIGN &#x20AB;</p>
<p>EURO SIGN &euro;</p>

```

NEW SHEQEL SIGN ₪

DONG SIGN đ

EURO SIGN €



3.4 Interactive elements



3.4 Interactive elements



- Button: <button>
- Details disclosure: <details>
- Dialog: <dialog>

3.4.1 Button: <button>



- Requires JS to make it functional

```
<button type="button" id="press" name="press">Press</button>
```



3.4.2 Details disclosure: <details>



- Click to display hidden information

```
<!-- Details -->
<h3>Details</h3>
<details>
  <summary>More</summary>
  Hi! How are you?
</details>
```

► More

▼ More
Hi! How are you?

- To change the default from hidden to open:

```
<details open>
```

▼ More
Hi! How are you?

3.4.2 Details disclosure: <details>



- Combination of tags is allowed

```
<details>
  <summary>Overview</summary>
  <ol>
    <li>Apple: $5</li>
    <li>Banana: $6</li>
  </ol>
</details>
```

▼ Overview

- Apple: \$5
- Banana: \$6

3.4.3 Dialog: <dialog>



- Requires JS to make it more functional

```
<!-- Dialog -->
<button onclick="document.getElementById('dialog').showModal()">Dialog</button>
<dialog id="dialog">
  <p>This is a pop up dialog!</p>
</dialog>
```

Dialog

This is a pop up dialog!





3.5 Special effects

3.5 Special effects



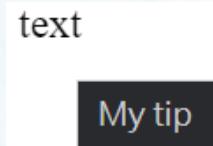
- Tooltip:
 - title: The tooltip
- Scrolling text: <marquee>

3.5.1 Tooltip:



- The text in title attribute appears when pointing the mouse at it

```
<!-- Special effects -->
<h3>Special effects</h3>
<span title="This is a tooltip :D">Stop your cursor here!</span>
```



3.5.2 Scrolling text: <marquee>



```
<marquee>Right to left</marquee>
```

Right to left

3.5.2 Scrolling text: <marquee>



```
<marquee direction="up">Bottom to top</marquee>
```

Bottom to top

3.5.2 Scrolling text: <marquee>



```
<marquee direction="down" width="250" height="200" behavior="slide">
  <marquee behavior="alternate">This text will slide at the bottom</marquee>
</marquee>
```

This text will slide at the bottom

3.5.2 Scrolling text: <marquee>



```
<marquee direction="down" width="250" height="200" behavior="alternate">
|   <marquee behavior="alternate">This text will bounce</marquee>
</marquee>
```

This text will bounce



3.6 Exercise

3.6 Exercise

3. HTML Intermediate

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On Sale

KI Online Shop

Women's

ID	Item	Price
1	Jeans	₩ 1000
2	Jacket	₩ 1000
3	Raincoat	₩ 700
4	Shoes	₩ 500

🛒 Shopping cart 🛒

ID	Item	Amount	Price
1	Jeans	2	₩ 2000
2	Jacket	1	₩ 1000

Checkout

► Contact 😊

3.6 Exercise: Suggested answer



```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Exercise3</title>
5      <meta charset="UTF-8">
6      <meta http-equiv="refresh" content="30">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8  </head>
```

3.6 Exercise: Suggested answer



```
9   <body>
10  <!-- Header -->
11  <header>
12    <h1>3. HTML Intermediate</h1>
13    <h2>Presented by Krystal Institute</h2>
14  </header>
```

3.6 Exercise: Suggested answer



```
15   <main>
16     <!-- Scrolling text -->
17     <marquee direction="down" width="300" height="50" behavior="alternate">
18       <marquee behavior="alternate">On Sale</marquee>
19     </marquee>
```

3.6 Exercise: Suggested answer



```
20      <!-- Tables -->
21      <h3>KI Online Shop</h3>
22      <table>
23          <caption><b>Women's</b></caption>
24          <tr>
25              <th>ID</th>
26              <th>Item</th>
27              <th colspan="2">Price</th>
28      </tr>
```

3.6 Exercise: Suggested answer



29		<tr>
30		<td>1</td>
31		<td><i>Jeans</i></td>
32		<td>฿8361;</td>
33		<td>1000</td>
34		</tr>

3.6 Exercise: Suggested answer



```
35          <tr>
36          <td>2</td>
37          <td><i>Jacket</i></td>
38          <td>฿1000</td>
39
40          </tr>
```

3.6 Exercise: Suggested answer



```
41          <tr>
42            <td>3</td>
43            <td><i>Raincoat</i></td>
44            <td>฿700</td>
45          </tr>
```

3.6 Exercise: Suggested answer



```
47          <tr>
48            <td>4</td>
49            <td><i>Shoes</i></td>
50            <td>=&#8361;</td>
51            <td>500</td>
52          </tr>
53        </table>
```

3.6 Exercise: Suggested answer



```
54      <br><br>
55      <table>
56          <caption><b>Shopping cart</b></caption>
57          <tr>
58              <th>ID</th>
59              <th>Item</th>
60              <th>Amount</th>
61              <th colspan="2">Price</th>
62      </tr>
```

3.6 Exercise: Suggested answer



```
63
64          <tr>
65            <td>1</td>
66            <td><i>Jeans</i></td>
67            <td>2</td>
68            <td>฿361;</td>
69            <td>2000</td>
70          </tr>
```

3.6 Exercise: Suggested answer



```
70 <tr>
71   <td>2</td>
72   <td><i>Jacket</i></td>
73   <td>1</td>
74   <td>⋮</td>
75   <td>1000</td>
76 </tr>
77 </table>
```

3.6 Exercise: Suggested answer



```
78      <!-- Checkout button -->
79      <button type="button" id="checkout" name="checkout">Checkout</button>
```

3.6 Exercise: Suggested answer



```
80          <br><br>
81          <!-- Details -->
82          <details>
83              <summary>Contact&#128516;</summary>
84              Phone: +852 12345678<br>
85              Email: abc@email.com
86          </details>
87      </main>
```

3.6 Exercise: Suggested answer



```
86      <footer>
87          |     <!-- copyright -->
88          |     <div style="text-align: center;">@ 2021 Copyright: Krystal Institute</div>
89      </footer>
90  </body>
91  </html>
```

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MC Quiz



- 10 minutes

<https://www.online-stopwatch.com/countdown/>



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Reference



- W3Schools (2021). *HTML Tutorial* [online] available from <<https://www.w3schools.com/html/default.asp>> [20 May 2021]

