Chapter 5 Image and Links

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Image Types

- GIF (logos and basic drawings)
- JPG/JPEG (photos et al.)
- PNG

For example:

Flower1.gif / Flower2.jpg / Flower3.png
Adding an Image (1)

- `<img src="flower.jpg" />

  Relative path-name

- `<img src="img/flower.jpg" />

  Relative path-name`
Adding an Image (2)

```html
1 <html>
2 <head>
3   <title>Image Demo</title>
4 </head>
5 <body>
6 <p>
7 This is a flower picture: <img src="flower.jpg" />
8 </p>
9 </body>
10 </html>
```
Alternative Text for Images

```html
<html>
<head>
  <title>Image Demo</title>
</head>
<body>
  <p>This is a flower picture: <img src="flower.jpg" alt="A Flower Picture"/>
</p>
</body>
</html>
```
This is a flower picture. Set "Vertical-align" style to "middle".

An example of displaying a centered image:
Image Location (2)

```html
<img src="flower.jpg" class="valign2mid" alt="A Flower Picture"/>
<br/>
<img src="flower.jpg" align="middle" alt="A Flower Picture"/>
<br/>
<img src="flower.jpg" class="float2right" alt="A Flower Picture"/>
<br/>
<img src="flower.jpg" align="right" alt="A Flower Picture"/>
```
Adjust the size of the image

```html
<html>
<head>
  <title>Image Demo</title>
  <style type="text/css">
    p.centered{text-align:center} <!--put the image to center-->
  </style>
</head>

<body>

An example of displaying a centered image:
<p class="centered">
  <img src="flower.jpg" alt="A Flower Picture" width="300" height="100"/>
</p>

</body>
</html>
```

An example of displaying a centered image:
Quiz:

1) How to insert an image? `<img src="..." />`

1) What styles properties / attributes can put the image to a specific location? `vertical-align; float; align`

1) What attributes can change the size of the image? `width, height`
External Links

An example of external link. Click here to go to another web page "Ch5-2.htm".

An example of displaying a centered image:
Question: What is the function of the following codes?

```html
<html>
<head>
  <title>Go to my Homepage</title>
</head>

<body>

An external link:
<a href="http://nature.berkeley.edu/~miaoxin">My Homepage ...</a>

</body>
</html>
```

An external link: My Homepage ...
Internal Links

This is an example of internal link.

\(<a href="#Bottom">\) Click here to go to the bottom of the page.\(</a>\)

\(<p>\) This is the first paragraph ...\(</p>\)

\(<p>\) This is another paragraph ...\(</p>\)

\(<p>\)

\(<a id="Bottom">\) This the last paragraph.\(</a>\)

\(</p>\)

See Ch5-3.htm Demo.
Combining External and Internal Links

<a href="ch5-3.htm#Bottom">Click here to go to ...</a>
Making Images into Links

```html
<html>
<head>
  <title>Image Demo</title>
  <style type="text/css">
    p.centered{text-align:;center} <!--put the image to center -->
  </style>
</head>
<body>
An example of image link:
<p class="centered">
  <a href="http://nature.berkeley.edu/~miaoxin">
    <img src="flower.jpg" alt="A Flower Picture" width="300" height="100"/>
  </a>
</p>

An example of external link.
<a href="Ch5-2.htm">Click here to go to another web page "Ch5-2.htm".</a>

An example of image link:
```
Adding Multimedia Elements

```html
<html>
<head>
  <title>Multimedia Demo</title>
</head>

<body>
  <p>You got mail!</p>
  <embed src="gotmail.wav" width="100" height="50" />
</body>
</html>
```
Summary - Image

1) Add an image:

```html
<img src="flower.jpg" alt="A Flower Picture" width="300" height="100"/>
```

2) Image Locations:

```html
<style type="text/css">
  img.valign2mid {vertical-align:middle}
  img.float2right {float:right}
  p.centered{text-align:center}
</style>

<img src="flower.jpg" class="valign2mid" alt="A Flower Picture"/>
```
Summary - Links

q External Link

An example of external link.
<a href="Ch5-2.htm">Click here to go to another web page "Ch5-2.htm".</a>

q Internal Link

<a href="#Bottom">Click here to go to the bottom of the page.</a>

q Combining External and Internal Links

q Image Link

<a href="http://nature.berkeley.edu/~miaoxin">
<img src="flower.jpg" alt="A Flower Picture" width="300" height="100"/>
</a>