

Designing Layout with CSS

Session 17



- Designing layout with css



Controlling the Visibility of Elements

- ◆ The CSS visibility styles can be applied on the HTML elements using the following properties:
 - ◆ `display`
 - ◆ `visibility`



Controlling the Visibility of Elements (Contd.)

- ◆ The `display` property:

- ◆ Is used to set the appearance of an element on a Web page.
- ◆ Can be applied using the following syntax:

```
display: none| block| inline
```

- ◆ The `visibility` property:

- ◆ Is used to specify whether an element should be visible or not.
- ◆ Can be applied using the following syntax:

```
visibility: hidden| visible
```

- ◆ The following embedded Notepad file contains the code to show the use of `visibility` property:

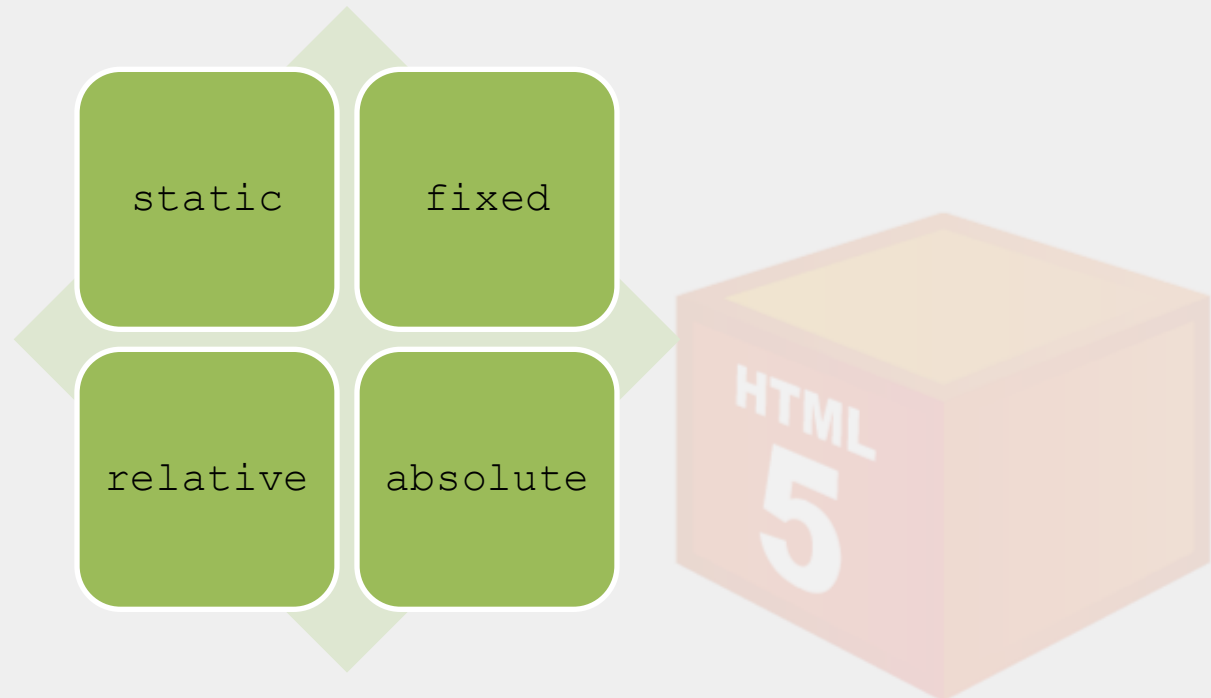


Visibility_Property



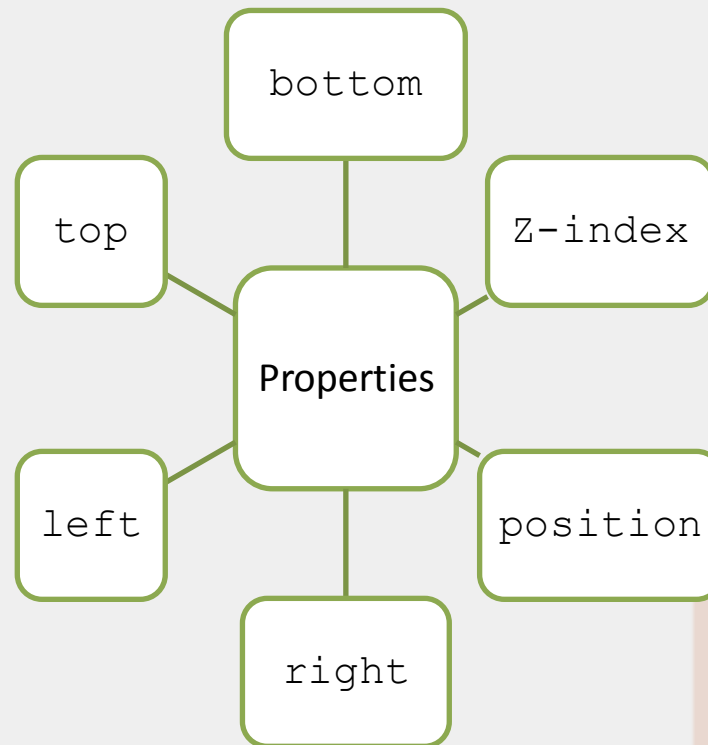
Positioning HTML Elements

- ◇ CSS positioning properties:
 - ◇ Are used to control the placement of elements on a Web page.
 - ◇ Can be classified into the following categories:
 - ◇ `position`
 - ◇ `float`
- ◇ The `position` property is used to position an element on a Web page using the following positioning methods:



Positioning HTML Elements (Contd.)

- ◇ The exact location for the HTML elements can be specified using the following positioning properties:



Positioning HTML Elements (Contd.)

- ◆ The `float` property:
 - ◆ Is used to place HTML elements to the left or right margin, in relation to other elements.
 - ◆ Allows you to wrap the HTML elements around the floated element.
 - ◆ Can be specified by using the following syntax:
`float: left|right|none`
- ◆ The following embedded Notepad file contains the code to show the use of `float` property:



Float_Property



Positioning HTML Elements (Contd.)

- ◇ The `clear` property:
 - ◇ Is used to turn off the float effect on HTML elements.
 - ◇ Can be specified by using the following syntax:
`clear: both|left|right;`
- ◇ The following embedded Notepad file contains the code to show the use of `clear` property:



Clear_Property



- ◆ Demo design layout web page by using CSS



- ◆ In this session, you learned that:
 - ◆ The `display` property is used to set the appearance of an element on a Web page.
 - ◆ The `visibility` property is used to specify whether an element should be visible or not.
 - ◆ CSS positioning is used to position an element on a Web page.
 - ◆ The `float` property is used to place HTML elements to the left or right margin, in relation to the other elements.
 - ◆ The `clear` property is used to turn off the float effect on HTML elements.

