font-family

Values:	one or more font or generic font family names, separated by comma | inherit
Default:	depends on the browser
Applies to:	all elements
Inherits:	yes

font-size

Values:	length unit | percentage | xx-small | small | medium | large | x-large | xx-large | smaller | larger | inherit
Default:	medium
Applies to:	all elements
Inherits:	yes

font-weight (boldness)

Values:	normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | inherit
Default:	normal (equivalent of 400)
Applies to:	all elements
Inherits:	yes

font-style (italics)

Values:	normal | italic | oblique | inherit
Default:	normal
Applies to:	all elements
Inherits:	yes

font-variant (small caps)

Values:	normal	small-caps	inherit
Default:	normal
Applies to:	all elements
Inherits:	yes

font (shortcut font)

Values:	font-style font-weight font-variant font-size/line-height font-family | inherit
Default:	depends on default value for each property listed
Applies to:	all elements
Inherits:	yes

color

Values:	color value (name or numeric) | inherit
Default:	depeds on the browser and user's preferences
Applies to:	all elements
Inherits:	yes

line-height

Values:	number | length measurement | percentage | normal | inherit
Default:	normal
Applies to:	all elements
Inherits:	yes

text-indent

Values:	length measurement | percentage | inherit
Default:	0
Applies to:	block-level elements, table cells, and inline blocks
Inherits:	yes

text-align

Values:	left | right | center | justify | inherit
Default:	left for languages that read left to right right for language that read right to left
Applies to:	block-level elements, table cells, and inline blocks
Inherits:	yes

text-decoration

Values:	none | underline | overline | line-through | blink
Default:	none
Applies to:	all elements
Inherits:	no, but since lines are drawn across child elements; they may look like they are "decorated" too

text-transform

Values:	none | capitalize | lowercase | uppercase | inherite
Default:	none
Applies to:	all elements
Inherits:	yes

letter-spacing, word-spacing

Values:	length measurement | normal | inherite
Default:	normal
Applies to:	all elements
Inherits:	yes

text-shadow

Values:	'horizontal offset' 'vertical offset' 'blur radius' 'color' | none
Default:	none
Applies to:	all elements
Inherits:	yes

Link pseudo-classes

- The most basic pseudo-classes selectors target links (a elements) based on whether they have been clicked.

    :link   Applies a style to unclicked (unvisited) links

    :visited   Applies a style to links that have already been clicked

- By default, browser typically display linked text as blue and links that have been clicked as purple.

```
a:link {
  color: maroon;
}
a:visited {
  color: gray;
}
```

15

User action pseudo-classes

- Pseudo-class targets elements states that result from direct user actions.

    :focus   Applies when element is selected and ready for input

    :hover   Applies when the mouse pointer is over the element (commonly used with links)

    :active   Applies when the element (such a link or button) is in the process of being clicked or tapped

```
input:focus {
     background-color: yellow;
}
a:hover {
     color: maroon;
     background-color: #ffd9d9;
}
a:active {
     color: red;
     background-color: #ffd9d9;
}
```

16

Adding a background image

background-image

Values:	url(location of image) | none | inherit
Default:	none
Applies to:	all elements
Inherits:	no

Controlling tiling direction

background-repeate

Values:	repeat | repeat-x | repeat-y | no-repeat | inherit
Default:	repeat
Applies to:	all elements
Inherits:	no

Background position

background-position

Values:	length measurement | percentage | left | center | right | top | bottom | inherit
Default:	0% 0% (same as left top)
Applies to:	all elements
Inherits:	no

Background attachment

background-attachment

Values:	scroll | fixed | local (new in CSS3) | inherit
Default:	scroll
Applies to:	all elements
Inherits:	no

background (shortcut)

Values:	background-color background-image background-repeat background-attachment background-position | inherit
Default:	see individual properties
Applies to:	all elements
Inherits:	no

21

box-sizing

- The box-sizing property defines how the width and height of an element are calculated: should they include padding and border, or not.

box-sizing

Values:	content-box | border-box
Default:	content-box
Applies to:	all elements
Inherits:	no

width, height

Values:	length measurement | percentage | auto | inherit
Default:	auto
Applies to:	block-level elements and replace inline elements (such as images)
Inherits:	no

22

overflow

- To specify what to do with the content that doesn't fit

Values:	visible | hidden | scroll | auto | inherit
Default:	visible
Applies to:	block-level elements and replace inline elements (such as images)
Inherits:	no

padding

- Padding is the space between the content area and the border.

padding-top, padding-right, padding-bottom, padding-lef

Values:	length measurement | percentage | inherit
Default:	0
Applies to:	all elements except table-row-group, table-header-group, table-footer-group, table-column, and table-column-group
Inherits:	no

padding (shorthand)

Values:	length measurement | percentage | inherit
Default:	0
Applies to:	all elements
Inherits:	no

Borders

- Border is a simple a line drawn around the content area and its padding

border-top-style, border-right-style, border-bottom-style, border-left-style

Values:	none | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit
Default:	none
Applies to:	all elements
Inherits:	no

border-style

Values:	none | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit
Default:	none
Applies to:	all elements
Inherits:	no

Border width (thickness)

- Set the border width properties to specify the thickness of the border.

border-top-width, border-right-width, border-bottom-width, border-left-width

Values:	length units | thin | medium | thick | inherit
Default:	medium
Applies to:	all elements
Inherits:	no

border-width (shorthand)

Values:	length units | thin | medium | thick | inherit
Default:	medium
Applies to:	all elements
Inherits:	no

Border color

border-top-color, border-right-color, border-bottom-color, border-left-color

Values:	color name or RGB value | transparent | inherit
Default:	the value of color property for the element
Applies to:	all elements
Inherits:	no

border-color

Values:	color name or RGB value | transparent | inherit
Default:	the value of color property for the element
Applies to:	all elements
Inherits:	no

Combining style, width, and color

border-top, border-right, border-bottom border-left

Values:	border-style border-width border-color | inherit
Default:	defaults for each property
Applies to:	all elements
Inherits:	no

border

Values:	border-style border-width border-color | inherit
Default:	defaults for each property
Applies to:	all elements
Inherits:	no

Margins

- Margin is an optional amount of space that is added on the outside of the border.

margin-top, margin-right, margin-bottom, margin-left

Values:	length measurement | percentage | auto | inherit
Default:	auto
Applies to:	all elements
Inherits:	no

margin

Values:	length measurement | percentage | auto | inherit
Default:	auto
Applies to:	all elements except elements with table display types other than table-caption, table, and inline-table
Inherits:	no

Floating

- The float property moves an element as far as possible to the left or right, allowing the following content to wrap around it.

float

Values:	left | right | none | inherit
Default:	none
Applies to:	all elements
Inherits:	no

display

Values:	inline | block | list-item | inline-block | table | inline-table | table-row-group | table-header-group | table-footer-group | table-row | table-column-group | table-column | table-cell | table-caption | none
Default:	inline
Applies to:	all elements
Inherits:	yes

```
li {
   display: inline ;
}
span {
   display: block ;
}
```

Clearing floated elements

clear

Values:	left | right | both | none | inherit
Default:	none
Applies to:	block-level elements only
Inherits:	no

Positioning Basics

- CSS provides several methods for positioning elements on the pages

position

Values:	static | relative | absolute | fixed | inherit
Default:	static
Applies to:	all elements
Inherits:	no

top, right, bottom, left

Values:	length measurement | percentage | auto | inherit
Default:	auto
Applies to:	positioned elements (where position value is relative, absolute, or fixed)
Inherits:	no

33