بسم الله الرحمن الرحيم



جلسهی نهم CSS بیشتر – راهاندازی یک وبلاگ

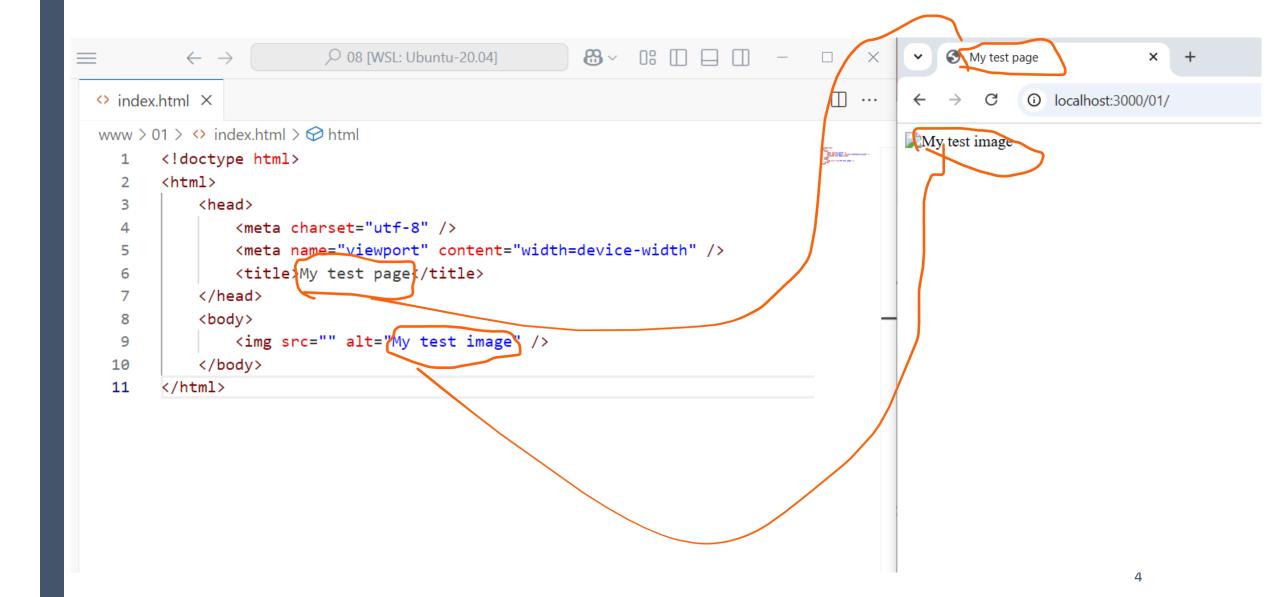
جلسهی گذشته

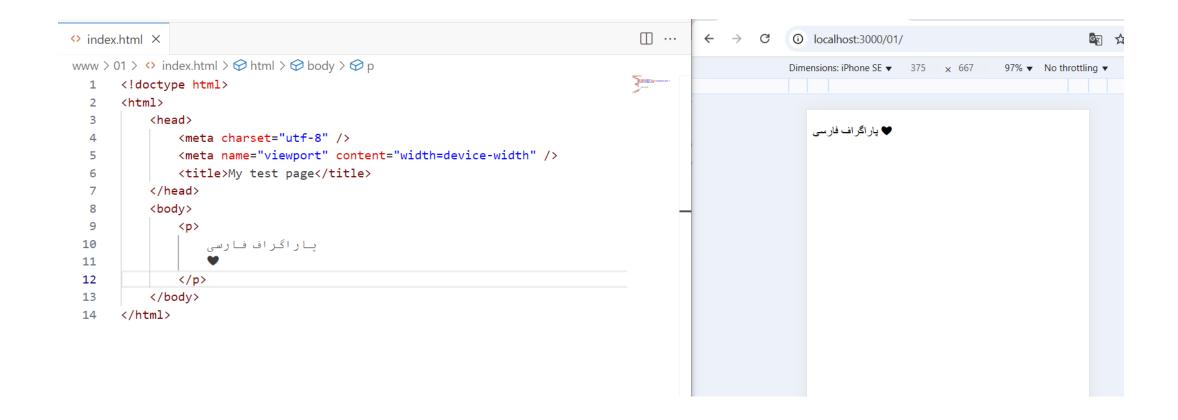
CSS 9 HTML

Anatomy of an HTML element

```
Attribute
class="editor-note">My cat is very grumpy
```

- Attributes that set a value always have:
 - A space between it and the element name (or the previous attribute, if the element already has one or more attributes).
 - The attribute name followed by an equal sign.
 - The attribute value wrapped by opening and closing quotation marks.



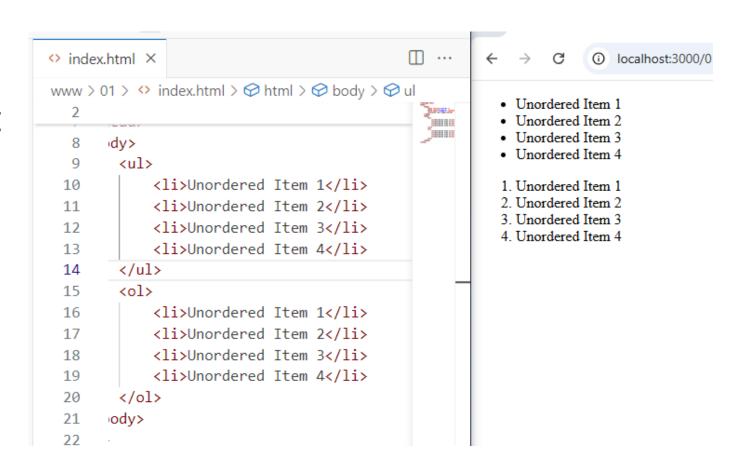


HTML Headings

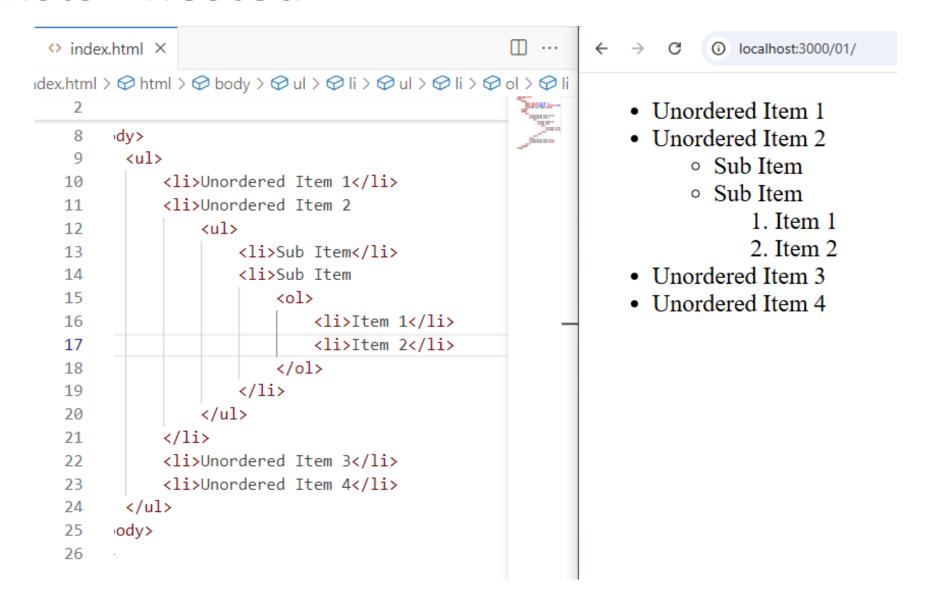


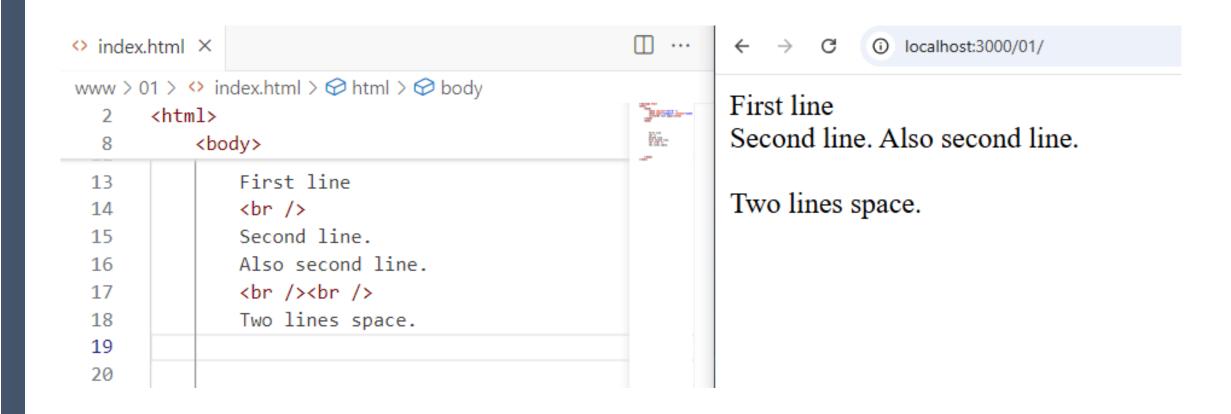
Lists

- ul: unordered list
- ol: ordered list
- li:list item



Lists - nested





Links

- a tag
- Attributes
 - href
 - Relative
 - From root
 - Absolute
 - Email links
 - title
 - target="_blank"

Images

```
<img
src="images/dinosaur.jpg"
alt="The head and torso of a dinosaur skeleton;
    it has a large head with long sharp teeth"
width="400"
height="341"
title="A T-Rex on display in the Manchester University Museum" />
```

CSS

Styling

- style-name: style-value
- separated with;
- font-size:30px;color:red

Styling

- html style attribute: inline styling
- Styling with css selector

CSS Text Styling

- Type selector
- Class selector
- ID Selector
- Type and class selector
- Multiple selectors with comma
- Universal selector *

- Descendant combinator (space)
 - The descendant combinator typically represented by a single space (" ") character — combines two selectors such that elements matched by the second selector are selected if they have an ancestor (parent, parent's parent, parent's parent's parent, etc.) element matching the first selector. Selectors that utilize a descendant combinator are called descendant selectors.

- Child combinator >
 - The child combinator (>) is placed between two CSS selectors. It matches only those elements matched by the second selector that are the direct children of elements matched by the first.

- Next-sibling combinator +
 - The next-sibling combinator (+) separates two selectors and matches the second element only if it immediately follows the first element, and both are children of the same parent element.
- Subsequent-sibling combinator ~
 - The subsequent-sibling combinator (~, a tilde) separates two selectors and matches all instances of the second element that follow the first element (not necessarily immediately) and share the same parent element.

CSS Attribute Selectors

Selector	Example	Description
[*attr*]	a[title]	Matches elements with an <i>attr</i> attribute (whose name is the value in square brackets).
[*attr*=*value*]	a[href="https://example.com"]	Matches elements with an <i>attr</i> attribute whose value is exactly <i>value</i> — the string inside the quotes.
[*attr*~=*value*]	p[class~="special"]	Matches elements with an <i>attr</i> attribute whose value is exactly <i>value</i> , or contains <i>value</i> in its (space-separated) list of values.
[*attr* =*value*]	<pre>div[lang ="zh"]</pre>	Matches elements with an attr attribute whose value is exactly value or begins with value immediately followed by a hyphen.

CSS Attribute Selectors

Selector	Example	Description
[attr^=value]	li[class^="box-	Matches elements with an attr attribute, whose value begins with value.
[attr\$=value]	li[class\$="- box"]	Matches elements with an attr attribute whose value ends with value.
[attr*=value]	li[class*="box"]	Matches elements with an <i>attr</i> attribute whose value contains <i>value</i> anywhere within the string.

جلسهی جدید

روشهای اضافه کردن css به سند

- نوشتن inline با استفاده از style _attribute
 - استفاده از تگِ style
 - استفاده از تگِ link برای استایل خارجی

Styling HTML elements

Styling based on Class

Styling based on Location in a document

Styling based on state

استایل دهیهای کلی

Font-family

■ The font-family property specifies a list of fonts, from highest priority to lowest. Font selection does not stop at the first font in the list that is on the user's system. Rather, font selection is done one character at a time.

```
/* A font family name and a generic family name */
font-family: "Gill Sans Extrabold", sans-serif;
font-family: "Goudy Bookletter 1911", sans-serif;

/* A generic family name only */
font-family: serif;
font-family: sans-serif;
font-family: monospace;
```

Font-size

```
/* <relative-size> values */
/* <absolute-size> values */
                                            font-size: smaller;
font-size: xx-small;
                                            font-size: larger;
font-size: x-small;
                                            /* <length> values */
                                            font-size: 12px;
font-size: small;
                                            font-size: 0.8em;
font-size: medium;
                                             /* <percentage> values */
font-size: large;
                                             font-size: 80%;
font-size: x-large;
font-size: xx-large;
font-size: xxx-large;
```

Color

```
color: rebeccapurple;
color: #00a400;
color: rgb(214, 122, 127);
color: hsl(30deg 82% 43%);
color: hsla(237deg 74% 33% / 61%);
color: hwb(152deg 0% 58% / 70%);
```

Border-bottom-width, border-bottomstyle, border-bottom-color

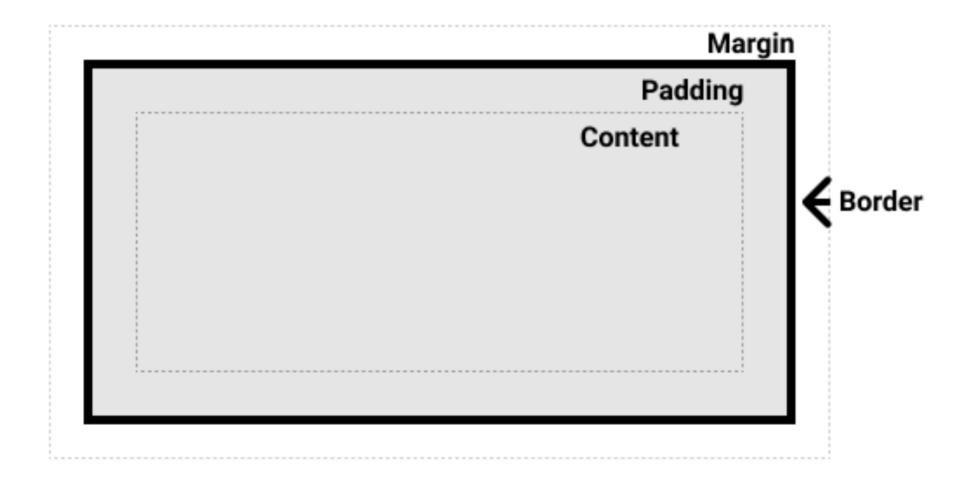
- Border-bottom shorthand
- Border shorthand

Border-radius

Background

- Background-color
- Background-image
- Background-repeat
- Background-shorthand

CSS Box Model



CSS Box Model

- Width
- height
- margin
- padding
- Border
- Box-sizing

Handling Conflicts

More in: https://developer.mozilla.org/en-US/docs/Learn web development/Core/Styling basic s/Handling conflicts

CSS Display

- Outer displays (none, inline, inline-block, block)
- Inner displays (flex, ...)

CSS Layout

- Float: https://developer.mozilla.org/en-US/docs/Learn web development/Core/CSS layout/Floats
- Position: https://developer.mozilla.org/en-US/docs/Learn web development/Core/CSS layout/Positioning
- Flexbox: https://developer.mozilla.org/en-US/docs/Learn web development/Core/CSS layout/Flexbox
- Grid layout: https://developer.mozilla.org/en-US/docs/Learn web development/Core/CSS layout/Grids

Other CSS syntax features

- Functions
 - width: calc(90% 30px)
 - Transform functions:
 - transform: rotate(0.8turn);
- @rules
- Shorthand properties

Responsive Web Design

- @rules
- Media queries:

```
html {
 font-size: 1em;
h1 {
 font-size: 2rem;
@media (min-width: 1200px) {
 h1 {
    font-size: 4rem;
```

TEMPLATE

DATABASE