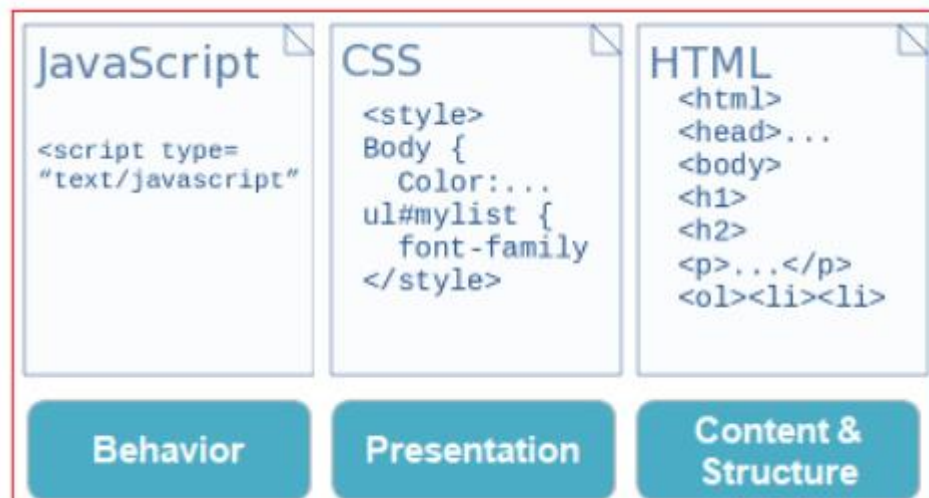
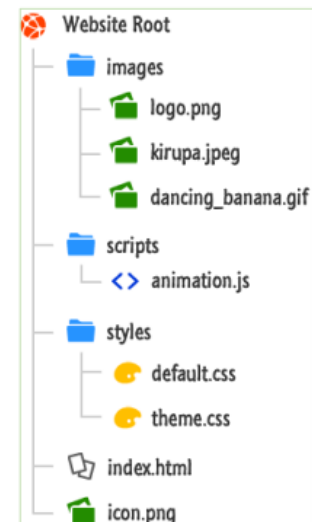
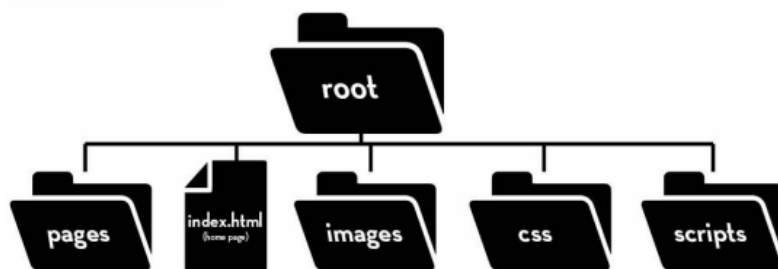


Δομή διαδικτ. Εφαρμογής - Ιστοσελίδας



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Ανασκόπηση HTML

skeleton of html document

```
<html>
<head>
<title> </title>
</head>
<body>
.....
</body>
</html>
```

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <meta charset="utf-8">
5      <title>My test page</title>
6    </head>
7    <body>
8      
9    </body>
10 </html>
```

This Code	Would Display
<pre><p> This html comment would <!-- This is a comment --> be displayed like this.</p></pre>	<p>This HTML comment would be displayed like this.</p>

<head> meta tags

- **Title Tag** (50-60 chars): <title>...</title> (keyword or relevant to keyword: CTR optimized)
- ~~**Meta Keywords Attribute** (up to 10 keyword phrases): : <meta name="keywords" content="/>~~
- **Meta Description Attribute** (around 150 chars, 1-2 times include the target keyword): <meta name="description" content="/>

Άλλα Χρήσιμα meta tags

- <meta charset="UTF-8">
- <meta name="viewport" content="width=device-width, initial-scale=1">
- <link rel="icon" href="/favicon.ico" type="image/x-icon">

<head> Open Graph meta tags

- <meta property="og:title" content="...">
- <meta property="og:description" content="...">
- <meta property="og:image" content="...">
- <meta property="og:url" content="...">

Για την εμφάνιση στα social media



<head> Open Graph meta tags

Tag	Description
<code>og:url</code>	The canonical URL for your page. This should be the undecorated URL, without session variables, user identifying parameters, or counters. Likes and Shares for this URL will aggregate at this URL. For example, mobile domain URLs should point to the desktop version of the URL as the canonical URL to aggregate Likes and Shares across different versions of the page.
<code>og:title</code>	The title of your article without any branding such as your site name.
<code>og:description</code>	A brief description of the content, usually between 2 and 4 sentences. This will displayed below the title of the post on Facebook.
<code>og:image</code>	The URL of the image that appears when someone shares the content to Facebook.



Example:

```
<meta property="og:url" content="http://www.nytimes.com/2015/02/19/arts/international/when-great-minds-dont-think-alike.html" /> <meta property="og:type" content="article" /> <meta property="og:title" content="When Great Minds Don't Think Alike" /> <meta property="og:description" content="How much does culture influence creative thinking?" /> <meta property="og:image" content="http://static01.nyt.com/images/2015/02/19/arts/international/19iht-btnumbers19A/19iht-btnumbers19A-facebookJumbo-v2.jpg" />
```

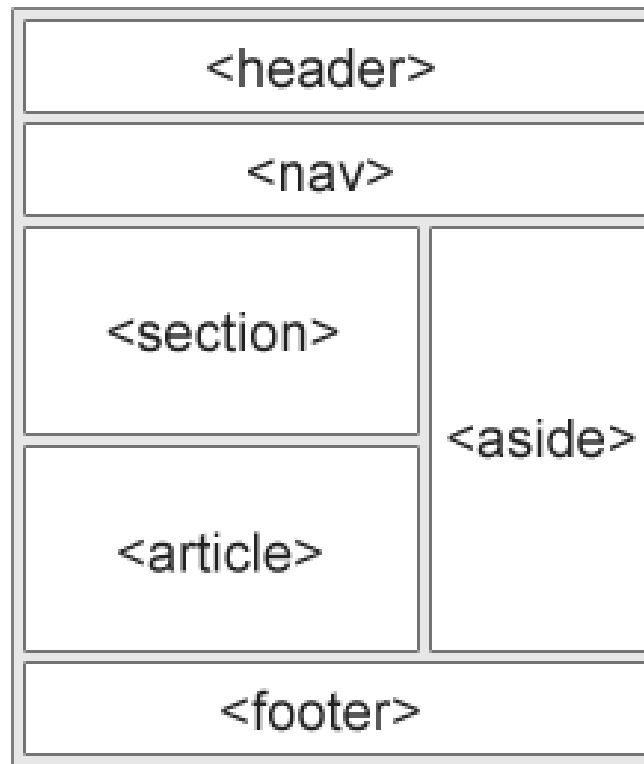
Microdata

```
<div>
  <h1>Avatar</h1>
  <span>Director: James Cameron (born August 16, 1954)</span>
  <span>Science fiction</span>
  <a href="../../movies/avatar-theatrical-trailer.html">Trailer</a>
</div>
```



```
<div itemscope itemtype = "https://schema.org/Movie">
  <h1 itemprop="name">Avatar</h1>
  <span>Director: <span itemprop="director">James Cameron</span> (born August
  <span itemprop="genre">Science fiction</span>
  <a href="../../movies/avatar-theatrical-trailer.html" itemprop="trailer">Traile
</div>
```

Semantics - Layout



Semantics - Layout

```
1 <html>
2   <body>
3     <header>
4       <h2>My WebPage</h2>
5     </header>
6
7     <section>
8       <nav>
9         <ul>
10          <li><a href="#">Page1</a></li>
11          <li><a href="#">Page2</a></li>
12          <li><a href="#">Page3</a></li>
13        </ul>
14      </nav>
15
16      <article>
17        <h1>Topic1</h1>
18        <p>text text text</p>
19        <p>text text text</p>
20      </article>
21    </section>
22
23    <footer>
24      <p>Footer</p>
25    </footer>
26
27  </body>
28 </html>
```

My WebPage

- [Page1](#)
- [Page2](#)
- [Page3](#)

Topic1

text text text

text text text

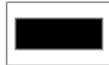
Footer

Νέοι τύποι και χαρακτηριστικά φύρμας html

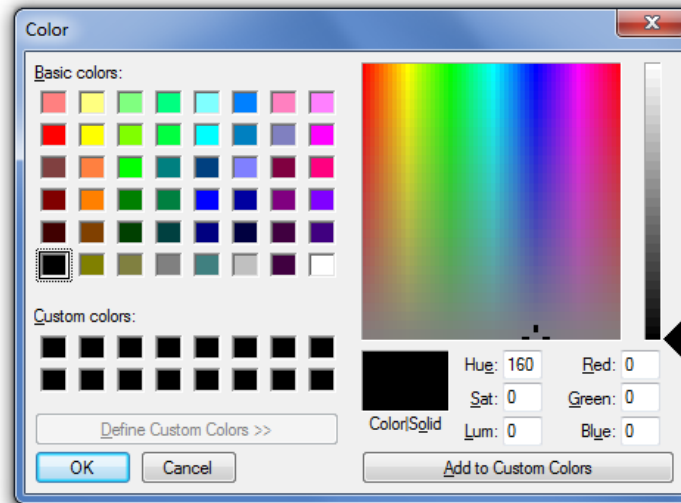


Color

Select your favorite color:



Υποβολή



```
<form>
  Select your favorite color:
  <input type="color" name="favcolor"> <br />
  <input type="submit">
</form>
```

Date

```
<form>  
  Birthday: <input type="date" name="bday">  
  <input type="submit">  
</form>
```

Birthday:

Φεβρουάριος 2014

Δευ	Τρι	Τετ	Πεμ	Παρ	Σαβ	Κυρ
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	1	2

Datetime


```
<form>  
  Birthday (date and time): <input type="datetime-local"  
    name="bdaytime">  
  <input type="submit">  
</form>
```

Birthday (date and time):

Email

```
<form>  
  E-mail: <input type="email" name="email">  
  <input type="submit">  
</form>
```

E-mail:

 Συμπεριλάβετε το σύμβολο "@" στη διεύθυνση ηλεκτρονικού ταχυδρομείου. Από τη διεύθυνση "1γ" λείπει το σύμβολο "@".

Number

```
<form >
```

Quantity (between 1 and 5) :

```
<input type="number" name="quantity" min="1" max="5">
```

```
<input type="submit">
```

```
</form>
```

Quantity (between 1 and 5):

Range

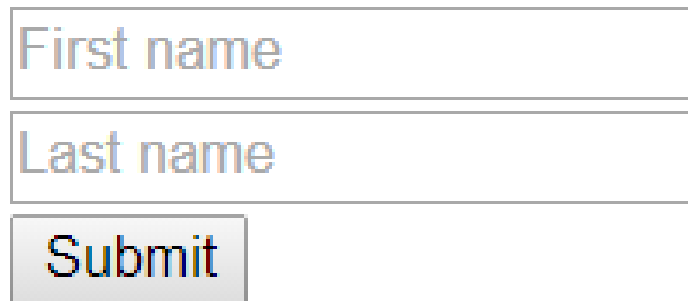
```
<form >  
Points: 0  
<input type="range" name="points" min="1" max="10">10  
</form>
```

Points: 0 10

Νέα γνωρίσματα (attributes)

placeholder

```
<form>  
  <input type="text" name="fname" placeholder="First name"><br />  
  <input type="text" name="lname" placeholder="Last name"><br />  
  <input type="submit" value="Submit">  
</form>
```



First name

Last name

Submit

multiple

```
<form>  
  Select files: <input type="file" name="fls" multiple>  
  <input type="submit">  
</form>
```

Select images: Δεν έχει επιλεγεί κανένα αρχείο

required

```
<form>  
  Username: <input type="text" name="usrname" required>  
  <input type="submit">  
</form>
```

Username:

! Συμπληρώστε αυτό το πεδίο.

autofocus

```
<form>  
  First name:<input type="text" name="fname" autofocus><br />  
  Last name: <input type="text" name="lname"><br />  
  <input type="submit">  
</form>
```

First name:

Last name:

autocomplete

```
<form autocomplete="on">  
  First name:<input type="text" name="first"><br />  
  Last name: <input type="text" name="last"><br />  
  E-mail: <input type="email" name="email" autocomplete="off"><br />  
  <input type="submit">  
</form>
```

pattern

```
<form>  
  Country code: <input type="text" name="country_code" pattern="[A-Za-z]{3}"  
    title="Three letter country code">  
  <input type="submit">  
</form>
```

Άσκηση

Φόρμα Εγγραφής

The image shows a registration form with the following elements:

- Name:** A text input field with the placeholder "First and last name".
- Email:** A text input field with the placeholder "example@domain.com".
- Create a username:** A text input field with the placeholder "username".
- Create a password:** A text input field.
- Confirm your password:** A text input field.
- Birthday:** A form with three parts: a "Month" dropdown menu, a "Day" text input field with a "Day" label, and a "Year" text input field with a "Year" label.
- Gender:** A dropdown menu with options: "i am..", "i am..", "Male", "Female" (highlighted in blue), and "Other".
- My Age:** A numeric input field with the value "16" and up/down arrow buttons.
- i like your html5 form:** A range slider with a value of 0 and a maximum of 10.
- Sign me up!** A blue button.