

Cascading Style Sheets

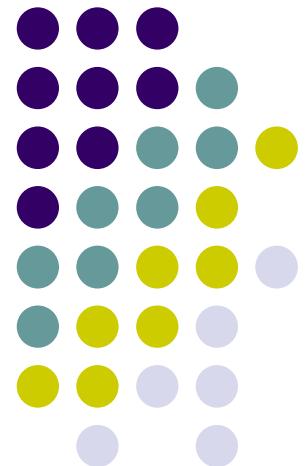
– μ (Forms)

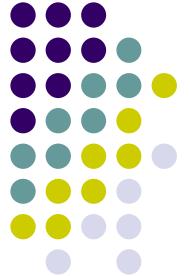


μ μ

μ &

μ





Cascading Style Sheets

- Cascading Style Sheets (CSS)
 - μ μ web browser
- μ μ (Content)
(Content Presentation)

<h3>CD Store</h3>

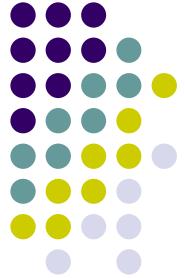
μ : μ «CD Store»
: μ h3

- μ μ μ
- HTML μ μ μ
- CSS μ μ μ μ



Cascading Style Sheets

- M CSS μ μ
 - . . . μ
 - BGCOLOR μ
 - μ style sheet μ
 - μ : μ
 - style sheet μ μ
 - style sheet μ
 - BGCOLOR μ μ μ



CSS

- CSS μμ
- μ : μ

SELECTOR {property:value}

- selector: μ μ
- property: μ μ μ
- value: μ (μ)
- O μ property/value . μ
- μ : CSS , μ μ

BOD {color:red}

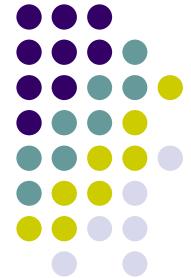


CSS

- (selector) { property/value } ;
- { }

```
BODY {color:red;  
      background-color:blue;  
      margin-left: 30px;  
      margin-right: 30px}
```

- selector : { }



μ

- μ μ
- μ : μ
- 3
- μ

μ
CSS

(selectors)

H1,H2

μ

```
h1,h2,h3 {color:red;  
background-color:blue;  
text-align:center;  
font-style:italic}
```



μμ μ



- μ μ μ μ μ

SELECTOR1 SELECTOR2 {property:value}

- μ :
- μ CSS:
p b {color:red;
background-color:blue}
- μ :
Rock, pop and jazz music
<p>Rock, pop and jazz music</p>

Rock, pop and jazz music
Rock, pop and jazz music



CSS

- μ μ μ CSS
 - \bullet Inline Styles
 - μ CSS
 - \bullet Embedded Styles
 - μ CSS
 - \bullet Linked Styles
 - μ CSS
 - μ «Cascading» style sheets



μ μ μ CSS

- μ (style sheet)
- μ μ μ
- μ style sheet
- μ μ μ μ CSS

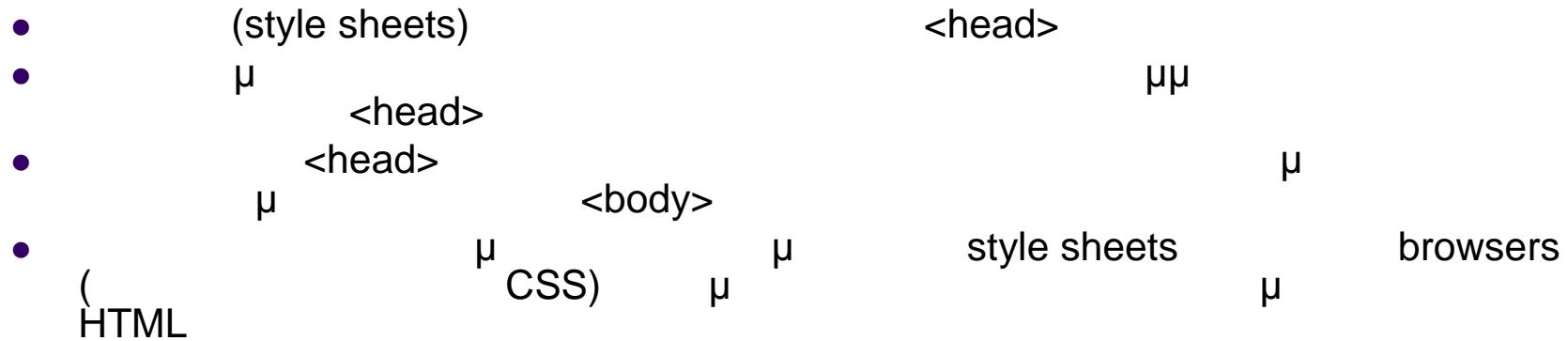
`<p style="color:red;text-align:center;">The most popular albums</p>`

The most popular albums



μ

CSS



```
<head>
  <style type="text/css">
    <!-- h1,h2,h3 {color:red;
      background-color:blue;
      text-align:center;
      font-style:italic} -->
  </style>
</head>
<body>
  <h1>CD Store</h1>
  <h2>CD Store</h2>
  <h3>CD Store</h3>
</body>
```





μ

CSS

- (style sheets)

μ[•]
`<head>` .css
μ

- μ :

μ[•]
.css μ
μ

site

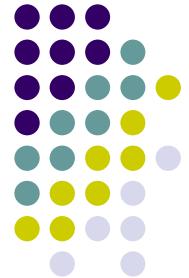
```
<head>
  <link rel="stylesheet" type="text/css"
        href= "template.css" />
</head>
```

μμ μ

style sheets

μ

style

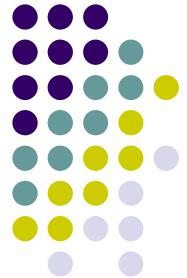


- (cascading style sheets) μ ,
· μ μ style sheet
· style sheet
· style sheet
· ' μ (default) μ browser



CSS

- CSS
 - HTML,
 - μ
 - μ
- (id)
- (class)



- μ (id selector) μ
 μ , μ
- id μ # $__$

CSS:

```
#myid {color:green}
```

HTML:

```
<h3>CD Store</h3>
<h3 id="myid">CD Store</h3>
<p>The most popular albums</p>
<p id="myid">The most popular albums</p>
```

CD Store

CD Store

The most popular albums

The most popular albums



- μ (class selector) μ μ
- μ .
- μ (.)

CSS:

```
p.myclass {color:green}
```

HTML:

```
<h3>CD Store</h3>
<h3 class="myclass">CD Store</h3>
<p>The most popular albums</p>
<p class="myclass">The most
popular albums</p>
```

The screenshot shows a web page with the following structure:

- The first `<h3>` element is styled with the class `myclass`, so it is blue.
- The first `<p>` element is not styled with the class `myclass`, so it is black.
- The second `<h3>` element is not styled with the class `myclass`, so it is black.
- The second `<p>` element is styled with the class `myclass`, so it is green.



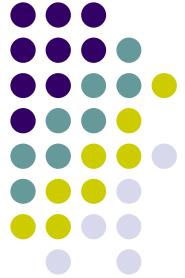
μ

A:link {color:red}

A:active {color:blue}

A:visited {color:green}

A:hover {color:purple}



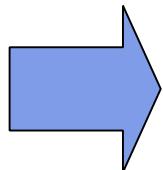
μ

CSS:

```
h1,h2,h3 {color:red;  
           background-color:blue;  
           text-align:center;  
           font-style:italic}  
  
h4,h5 {color:blue}
```

HTML:

```
<h1>CD Store</h1>  
<h2>CD Store</h2>  
<h4>CD Store</h4>
```





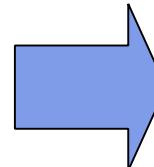
μ

CSS:

```
ul li {color:blue}  
ul li li {color:green}  
ol li {color:red}  
ol li li {color:black}
```

HTML:

```
<ul>  
  <li> μ </li>  
  <li>  
    <ul><li>CD1</li><li>CD2</li></ul>  
  </li>  
</ul>  
<ol>  
  <li> μ </li>  
  <li>  
    <ul><li>CD1</li><li>CD2</li></ul>  
  </li>  
</ol>
```



- Ρέμος
 - Χατζηγιάννης
 - CD1
 - CD2
-
1. Ρέμος
 2. Χατζηγιάννης
 - CD1
 - CD2

μμ μ



μ (Forms)

- GUIs (Graphical User Interfaces)
 - μ
 - μ
- . . . μ , μ ,
- μ /
(php, asp, jsp, cgi)

The image shows a simple contact form in Greek. It has two text input fields: one for 'Όνομα:' (Name) and another for 'Επώνυμο:' (Surname). Below these are two buttons: 'Αποστολή' (Send) and 'Καθαρισμός' (Clear). The entire form is enclosed in a light gray border.

μμ μ



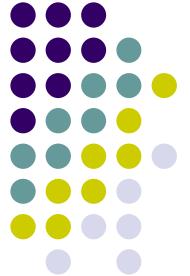
μ (Forms)

- μ $\langle\text{form}\rangle\langle/\text{form}\rangle$ HTML μ μ

- μ μ μ (form elements)
 - μ :

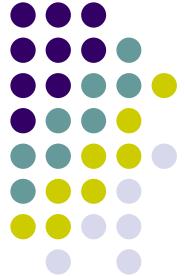
$\langle\text{form}$ > ... μ ... $\langle/\text{form}\rangle$

- μ
- ```
 $\langle\text{form method="post" action="process.php"}\rangle$
 $\langle\text{input type="text" name="last" size="20" }\rangle$
 $\langle/\text{form}\rangle$
```



# $\mu$ (Forms)

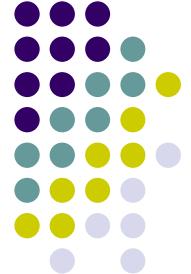
- $\mu$  (buttons),  $\mu$  (checkboxes), radio buttons, drop-down menus
- $\mu$   $\mu$
- $\mu$  (submit)
- $\bullet$   $\mu$   $\mu$   $\mu$   $\mu$  Server
- $\mu$   $\mu$   $\mu$   $\mu$  Server



# form

- 

- **name** = " " μ \_ μ " "
- **action** = "url" ( )
  - μ (submit) μ μ μ
- **method** = "get" (default)
  - μ μ μ ? URL μ μ
  - μ \_ - μ μ 100 ASCII



# form

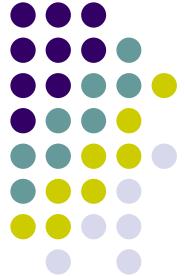
- **method="post"**

- URL μ μ μ

- URL μ  
browsers

- **target="target"**

- μ
  - target=\_blank μ μ
  - target=\_top μ μ μ



# input

- The `<input>` tag has attributes:
  - To type: `type`: text, checkbox, radio, password, hidden, submit, reset, button, file, image
  - `name`:
  - `id`:
  - `value`: ( )
  - `readonly`:
  - `disabled`:
  - `multiple`:



μ



$$\mu\mu \quad \mu$$



μ

- 

μ

μμ

- 

<textarea></textarea>

- 

μ

μ

- **cols**

- μ

- **rows**

- μ

μμ

μμ

μ



μ

```
<form method="post" action="process.php" enctype="text/plain">
 Username:
 <input type="text" name="username" size="15" maxlength="50" />

 Password:
 <input type="password" name="pass" size="20" />

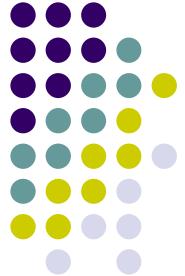
 <textarea cols="30" rows="5"> μ </textarea>

 <input type="submit" value=" " />
 <input type="reset" value=" μ " />
</form>
```

The screenshot shows a web form with the following structure:

- Username:** An input field containing the text "nick".
- Password:** An input field containing five black dots ("•••••").
- Text Area:** A text area with the placeholder text "Συμπληρώστε τα σχόλιά σας".
- Buttons:** Two buttons at the bottom labeled "Αποστολή" (Send) and "Καθαρισμός" (Clear).

μμ μ



# μ (buttons)

- μ
- • <input/> type="submit"
- μ μ μ
- • <input/> type="reset"
- μ
- • <input/> type="button"
- μ
- name
- • μ μ
- value
- • μ μ μ μ



# μ (buttons)

```
<form name="myform" method="post" action="process.php" enctype="text/plain">
.....

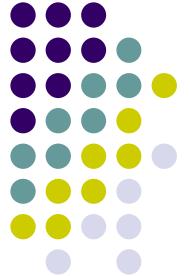
<input type="button" name="commonButton" value=" " onClick="checkValues();"/>

<input type="submit" name="sendButton" value=" " />
<input type="reset" name="resetButton" value=" μ " />
</form>
```

The screenshot shows a web form with the following elements:

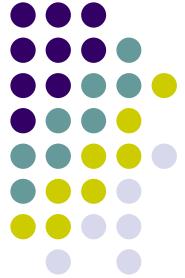
- Username: A text input field.
- Password: A text input field.
- Συμπληρώστε τα σχόλιά σας: A large text area with scroll bars.
- Έλεγχος ορθότητας στοιχείων: A blue button.
- Αποστολή: A blue button.
- Καθαρισμός: A blue button.

μμ μ



# Radio buttons

- `<input/>>` type="radio"
- - **name**
    - μ radio button
  - **value**
    - μ radio button
  - **checked**
    - μ
- μ radio buttons μ name,
- μ μ μ μ radio buttons μ
- μ μ button μ μ μ radio



# Checkboxes

- `<input/>` type="checkbox"
- - **name**
    - $\mu$  radio button
  - **value**
    - $\mu$  radio button
  - **checked**
    - $\mu$
- checkbox buttons
  - $\mu$
  - $\mu$
  - $\mu$
- $\mu\mu$   $\mu$



# Radio buttons – Checkboxes

```
<form name="myform" method="post" action="process.php" enctype="text/plain">
 :
 <input type="radio" name="gender" value="m" checked="checked"/>
 <input type="radio" name="gender" value="f"/>

 <input type="checkbox" value="stu"/>

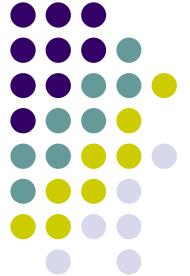
 <input type="checkbox" value="empl"/> μ

 <input type="submit" name="sendButton" value=" " />
 <input type="reset" name="resetButton" value=" " />
</form>
```

Φύλο:  Ανδρας  Γυναίκα

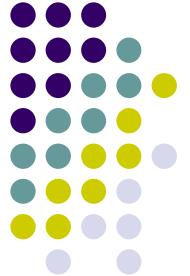
Φοιτητής

Εργαζόμενος



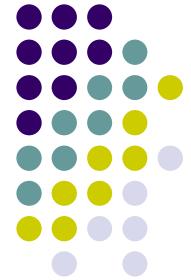
# (Labels)

- άνδρας
- < >
- <label> ο μ μ
- <label><input type="radio" name="gender" value="m"/>  
</label>
- < > radio
- button



# drop-down

- `<select></select>`
- `<option>    μ    _                 μ    </option>`
- - `name`
    - `μ    μ`
  - `size`
    - `μ`
  - `multiple`
    - `μ    : μ`
    - `true: μ`
    - `false:      μ`



- `<input/>` type="hidden"

- 

- **name**

- μ

- **value**

- μ

- 

- μ

- μ

- μ

- μ  
Server

- μ

- 

- ( μ ) μ

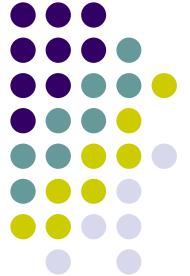
- 

- μ

- μ

- μ  
( μ javascript ) μ

μμ μ



# – Drop-down

## box

```
<form name="myform" method="post" action="process.php" enctype="text/plain">
 μ :
 <select name="selectUni">
 <option value="teiath"> </option>
 <option value="teipir" selected="true"> </option>
 <option value="uop"> . </option>
 </select>

 <input type="hidden" name="pageNum" value="2"/>
 <input type="submit" name="sendButton" value=" " />
 <input type="reset" name="resetButton" value="μ " />
</form>
```

Εκπαιδευτικό Ίδρυμα:

Αποστολή

Καθαρισμός



μ

μ

```
<html>
<head>
 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
 <title>CD Store</title>
</head>
<body bgcolor="#99FFCC">
 <h2> </h2>
 <form name="myform" method="post" action="process.php" enctype="text/plain">
 μ :
 <input type="text" name="username" size="20" maxlength="50" />

 :
 <input type="password" name="pass" size="20" />

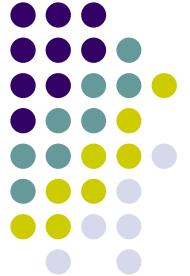
 :
 <input type="radio" name="gender" value="m" checked="checked"/>
 <input type="radio" name="gender" value="f"/>

 <input type="checkbox" value="stu"/>

 <input type="checkbox" value="empl"/> μ


```

μμ μ



μ

μ

μ :

```
<select name="selectUni">
 <option value="teiath"> </option>
 <option value="teipir" selected="true"> </option>
 <option value="uop"> . </option>
</select>
<input type="hidden" name="pageNum" value="2"/>

<textarea name="textarea" cols="30" rows="5"> μ
</textarea>

<input type="button" name="commonButton" value="
 " onClick="checkValues();"/>

<input type="submit" name="sendButton" value=" " />
<input type="reset" name="resetButton" value=" μ " />
</form>
</body>
</html>
```

μμ μ



μ

μ

## Αποστολή σχολίων

Όνομα χρήστη: mariakanellopouloy

Κωδικός χρήστη: ······

Φύλο:  Άνδρας  Γυναίκα

Φοιτητής

Εργαζόμενος

Εκπαιδευτικό Ίδρυμα: TEI Αθήνας

Αναγνώριση του πτυχίου ως  
Master

Έλεγχος ορθότητας στοιχείων

Αποστολή

Καθαρισμός

μμ μ