

HTML, CSS ,JAVASCRIPT

PRESENTED BY-

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HTML (Hypertext MarkUP Language)

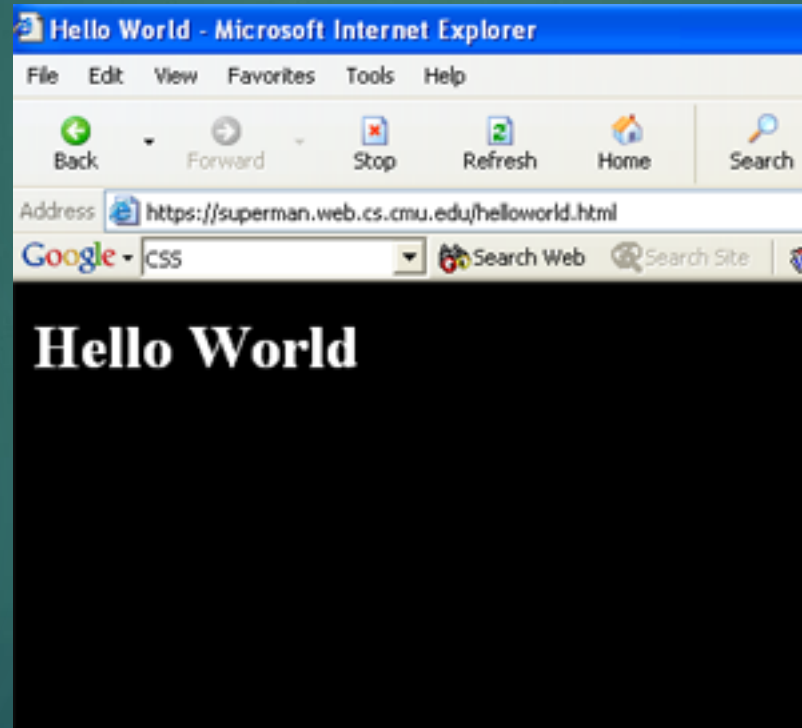
- ▶ HTML is the *lingua franca* for publishing hypertext on the World Wide Web
- ▶ Define tags <html><body> <head>....etc
- ▶ Allow to embed other scripting languages to manipulate design layout, text and graphics
- ▶ Platform independent
- ▶ Current version is 4.x and in February W3C released the first draft of a test suite 4.01
- ▶ For more info: <http://www.w3.org/MarkUp/>

HTML (Hypertext Markup Language)

► Example HTML code:

```
<HTML>
<head>
<title>Hello World</title>
</head>
<body bgcolor = "#000000">
<font color = "#ffffff">
<H1>Hello World</H1>
</font>
</body>
</HTML>
```

HTML (Hypertext Markup Language)



CSS (Cascading Style Sheet)

- ▶ Controls format:
 - ▶ Font, color, spacing
 - ▶ Alignment
 - ▶ User override of styles
 - ▶ Aural CSS (non sighted user and voice-browser)
 - ▶ Layers
 - ▶ Layout
 - ▶ User Interface

CSS (Cascading Style Sheet)

- ▶ Client's browser dependable
- ▶ Example code:

```
p,h1,h2 {  
    margin-top:0px;  
    margin-bottom:100px;padding:20px 40px 0px 40px;  
}
```

- ▶ More info:

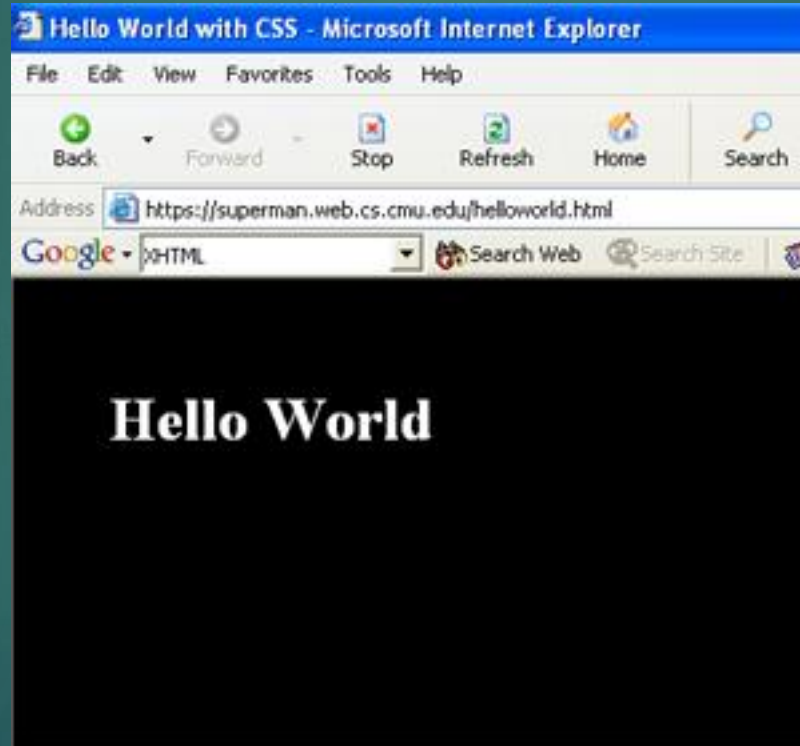
<http://www.w3.org/Style/CSS/>

http://www.w3schools.com/css/css_intro.asp

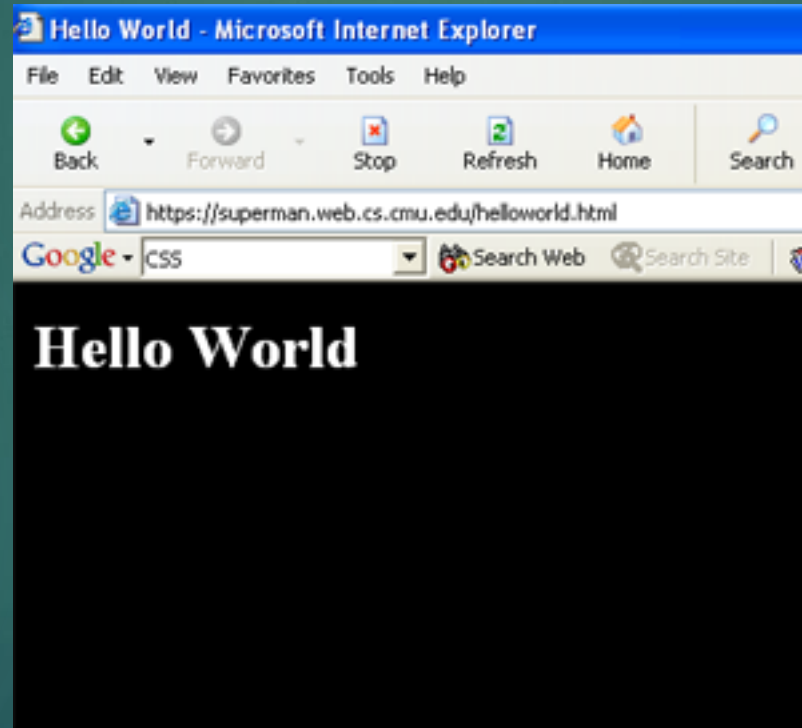
CSS (Cascading Style Sheet)

```
<HTML>
<head>
<title>Hello World</title>
<style type="text/css">
  p,h1,h2 {
    margin-top:0px;
    margin-bottom:100px;padding:40px 40px 0px 40px;
  }
</style>
</head>
<body bgcolor = "#000000">
<font color = "#ffffff">
<h1>Hello World</h1>
</font>
</body>
</HTML>
```

CSS (Cascading Style Sheet)



HTML without CSS



JavaScript

- ▶ Compact object-based scripting language
- ▶ Code be embedded into HTML file
- ▶ HTML tag

`<script language="javascript">CODE</script>`

- ▶ Also be in a separate file `FILENAME.js`
- ▶ HTML tag

`<SCRIPT LANGUAGE="JavaScript" SRC="FILENAME.js"></SCRIPT>`

JavaScript

- ▶ **Main objectives:**
 - User interface, CGI capabilities without involving server
- ▶ **Client side compilation**
- ▶ **Server provides no support**
- ▶ **Security hazard for client's computer**
- ▶ **SCS websites JavaScript's Examples**
 - <http://www.cs.cmu.edu>



THANK YOU