

# CSS

Week 4.1 - IST 263

Section M005

# HOMEWORK REVIEW

- Have you noticed any change in the way you read & look at HTML when you are browsing?
- Test your work, update and then submit
- File name convention  
**protocol + domain name + path + file = ??**
- File extensions (.html vs .txt)
- Individual Projects - proposals & next steps
- Importance of pre-class preparation

# Cornerstone technologies for the WWW

describes how the content should be rendered

HTML + CSS + JS = WEB PAGE

the content to be rendered

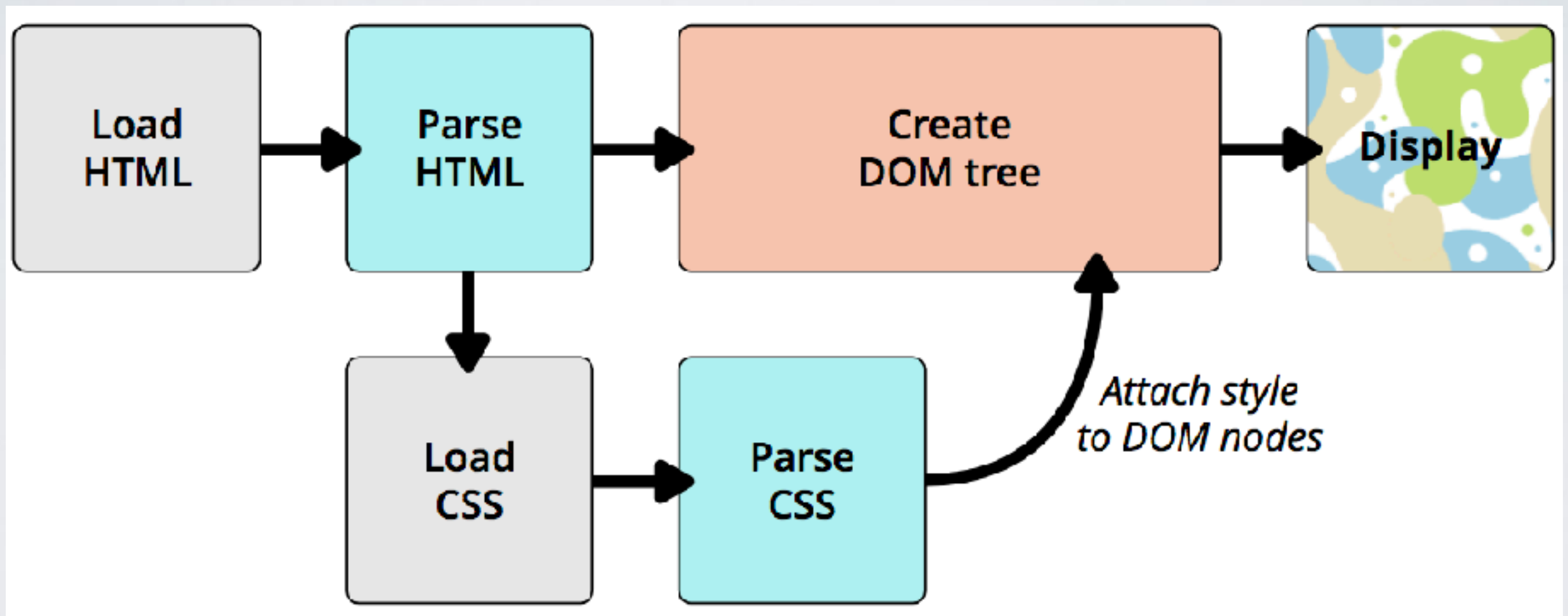
makes the page interactive

# CSS

## **C**ascading **S**tyle **S**heets

CSS is a stylesheet language used to describe the presentation of a document written in HTML or XML.

# HOW DOES CSS AFFECT HTML



# CSS Vocabulary

- Selector
- Property
- Value
- CSS Declaration
- CSS Rule set

```
h1 {  
    font-size: 35px;  
    font-weight: normal;  
    text-align: center;  
    color: #666;  
}
```

# HOW TO APPLY CSS

- External Stylesheet

Defined in an external file. Included via the `<link>` element. Affects all pages where it is included.

- Internal Stylesheet

Included in the page via the `<style>` element. Affects only the page it is included in.

- Inline Styles

Included via the *style attribute* for a HTML element. Affects only the element.



SAMPLES IN FOLDER

Let's try some CSS

# DEVELOPER TOOLS

# DOM

**D**ocument **O**bject **M**odel

Created by the browser, and has a tree-like structure

HTML Element => DOM Node

# HTML => DOM Tree

```
<!doctype html>
<html lang="en">

  <head>
    <title>IST 263</title>
  </head>

  <body>
    <p>Hello World !!!</p>
  </body>

</html>
```

# DOM NODE - RELATIONSHIPS

## Parent, Child & Siblings

`<p>`

Let's use:

`<span>Cascading</span>`

`<span>Style</span>`

`<span>Sheets</span>`

`</p>`

P

└ "Let's use:"

└ SPAN

└ └ "Cascading"

└ SPAN

└ └ "Style"

└ SPAN

└ └ "Sheets"

# MORE CSS

Next Class