**Managing Multiple Styles**

Task no 01 how style cascade

The CSS Cascade is the algorithm by which the browser decides which CSS styles to apply to an element a lot of people like to think of this as the style that “wins”. If a CSS rule wins at a higher-priority level, that's the rule that gets wins

Task no 02 Inheritance and cascade rules

Inheritance and cascade

Inheritance is associated with how the elements in the HTML markup inherit properties from their parent (containing) elements and pass them on to their children.

The cascade relates to CSS declarations being applied to a document, and how conflicting rules do or do not override each other.

Task no 03 Cascade & Inheritance Tips

At some point, you will be working on a project and you will find that the CSS you thought should be applied to an element is not working. Usually the problem is that you have created two rules which could potentially apply to the same element. The **cascade**, and the closely-related concept of **specificity**, is mechanisms that control which rule applies when there is such a conflict. Which rule is styling your element may not be the one you expect, so you need to understand how these mechanisms work?

Also significant here is the concept of **inheritance**, which means that some CSS properties by default inherit values set on the current element's parent element, and some don't. This can also cause some behavior that you might not expect.

Task no 04 inline CSS

<!DOCTYPE html>

<html>

<head>

</head>

<body>

<center><h1>Inline CSS</h1></center>

<h1 style="color:blue;">A Blue Heading</h1>

<p style="color:red;">A red paragraph.</p>

</body>

</html>

Task no 05 External CSS

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="style.css">

</head>

<body>

<center><h1>External CSS</h1></center>

<h1>A Blue Heading</h1>

<p >A red paragraph.</p>

</body>

</html>

// style sheet

body {

  background-color: powderblue;

}

h1 {

  color: blue;

}

p {

  color: red;

}

Task no 06 Embedded CSS

<!DOCTYPE html>

<html>

<head>

<style>

h1 {

  color: blue;

  font-family: verdana;

  font-size: 300%;

}

p {

  color: red;

  font-family: courier;

  font-size: 160%;

}

</style>

</head>

<body>

<center><h1>Embeeded CSS</h1></center>

<h1>This is a heading</h1>

<p>This is a paragraph.</p>

</body>

</html>

Task no 07 linking style sheet

<link rel="stylesheet" href="style.css">