

Web development 1 – Verslag Labo 6

Bachelor in de **toegepaste informatica**

campus **Kortrijk**

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Opdracht 1

Bij de huidige code wordt voor bij elk -element een class toegevoegd en wordt deze class dan aangepast in de stylesheet:

```
<ul>
  <li class="menuitem"><a href="#">products</a></li>
  <li class="menuitem"><a href="#">distributors</a></li>
  <li class="menuitem"><a href="#">contact</a></li>
</ul>
```

```
.menuitem {
  display:inline-block;
  width:150px;
}
.menuitem > a {
  color:red;
}
```

Dit kan natuurlijk veel simpeler door in de style.css gewoon het li element aan te passen, dan heb je geen classes nodig. Het resultaat is dan als volgt:

```
<ul>
  <li><a href="#">products</a></li>
  <li><a href="#">distributors</a></li>
  <li><a href="#">contact</a></li>
</ul>
```

```
li {
  display:inline-block;
  width:150px;
}
li a {
  color:red;
}
```

Op de site blijft het resultaat hetzelfde:

[products](#)

[distributors](#)

[contact](#)

Opdracht 2

The screenshot shows a web browser displaying the CSS Zen Garden page. The page structure is as follows:

```
-->
<body id="css-zen-garden">
  <div class="page-wrapper">
    <section class="intro" id="zen-intro">
      <header role="banner"></header>
      <div class="summary" id="zen-summary" role="article"></div>
      <div class="preamble" id="zen-preamble" role="article">
        <h3>The Road to Enlightenment</h3>
        <p></p>
        <p></p>
        <p></p>
      </div>
    </section>
    <div class="main supporting" id="zen-supporting" role="main"></div>
    <aside class="sidebar" role="complementary"></aside>
  </div>
</body>
```

The CSS Zen Garden page is a collection of CSS stylesheets that demonstrate various design principles. The page is titled "The Road to Enlightenment" and features a series of paragraphs and a sidebar. The sidebar contains a "Presentation" section with three items: "extra1", "extra2", and "extra3".

The diagram illustrates the box model for the "extra1" element. The element has a width of 200px and a height of 200px. The padding is 20px, the border is 2px, and the margin is 10px. The total width and height of the element, including the margin, are 220px and 220px respectively.

Opdracht 3

De CV-code zonder iets van CSS ziet er als volgt uit (standaard lettertype, geen kleur, geen structuur etc.):

Christina Truong
Web Developer + Educator

As a developer, I specialize in creating modular and scalable front-end architectures. As an educator, I focus on creating inclusive learning environments, instructor training and curriculum development. I'm also a certified [BODYPUMP](#) Instructor for GoodLife Fitness!

Education
Seneca College - Toronto, ON
Webmaster Content Site Design Certificate, 2006
14 week full-time program.
York University - Toronto, ON
Bachelor of Arts, 2001-2005
Double Major in Communications & Psychology.
San Jose State University - San Jose, CA
General Studies, 2000
First year general studies.
Let's Keep in Touch!
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Met de CSS code volgens de opdracht is het resultaat volledig anders:

```
body {  
  font-family: "Helvetica", sans-serif;  
}  
  
h1 {  
  font-size: 80px;  
}  
  
h2 {...}  
  
header>h1,  
header>h2 {  
  color: #EDF2F4;  
}  
  
header, main, footer {  
  padding: 30px;  
}  
  
a {  
  color: #EF233C;  
}  
  
header, footer {  
  color: #8D99AE;  
  background-color: #2B2D42;  
}  
  
main {  
  background-color: #8D99AE;  
}
```

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Opdracht 4

```
<!DOCTYPE html>
<html lang="nl">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Labo 6 - opdracht 4</title>
  <link rel="stylesheet" href="Styles/4_style.css">
</head>
<body>
<h1 class="stippeltjesrand">Welkom op mijn webpagina</h1>

<p>Dit is mijn eerste paragraf. Hier leer ik werken met HTML en CSS.
  Ik probeer verschillende elementen te combineren om een mooie webpagina te maken.</p>

<p class="rand">In deze paragraaf test ik ook de <span class="stippeltjesrand">gestippelde rand</span>
  die ik via CSS heb toegevoegd. Zo leer ik hoe klassen werken.</p>

<ul>
  <li>HTML leren</li>
  <li>CSS toepassen</li>
  <li>Hyperlinks gebruiken</li>
</ul>

<p>Bezoek ook eens
  <a href="https://www.w3schools.com" target="_blank">W3Schools</a>
  voor meer uitleg over webontwikkeling.
</p>
</body>
</html>
```

Dit is uiteindelijk de HTML-code hierboven.

Hiernaast dan de stylesheet:

```
body {
  font-family: Verdana, sans-serif;
  font-size: 1.1em;
  background-color: silver;
  color: darkblue;
  margin: 20px;
}

h1 {
  font-variant: small-caps;
  background-color: red;
  padding: 10px;
  text-align: center;
}

a:hover {
  border: 2px solid darkblue;
  padding: 2px;
  border-radius: 5px;
  background-color: #f0f0f0;
}

.rand {
  border: 1px dotted black;
  padding: 5px;
}
```

Opdracht 5

```
a::before {  
  content: "";  
  background: url("../images/coolblue.png") no-repeat;  
  width: 20px;  
  height: 20px;  
  float: left;  
  margin-right: 6px;  
}
```

```
> labo6.html <> opdracht3.html <> opdracht4.html 5_style.css <  
  
<!DOCTYPE html>  
<html lang="nl">  
  
  <head>  
    <meta charset="utf-8">  
    <title>Opdracht 5</title>  
    <link rel="stylesheet" href="styles/5_styles.css">  
  </head>  
  
  <body>  
    <a href="https://bol.com">URL</a>  
  </body>  
  
  </html>
```

Opdracht 6

```
<!DOCTYPE html>
<html lang="nl">

<head>
  <meta charset="utf-8">
  <title>Labo 6 - opdracht 6</title>
  <link rel="stylesheet" href="styles/styles.css">
</head>

<body>
<ul class="checklist">
  <li class="checked">boter</li>
  <li>kaas</li>
  <li class="checked">eieren</li>
</ul>
</body>
</html>
```

```
body {
  font-size: 3em;
}

ul {
  list-style-type: none;
}

li::before {
  content: "☐";
  margin-right: 0.5em;
}

li.checked::before {
  content: "☑";
}
```