

# VIVES

**Labo 10**

opleidingsonderdeel **Web Development 1**

studiegebied **handelswetenschappen en bedrijfskunde**

Bachelor in de **toegepaste informatica**

campus **Kortrijk**

**Seppe Vuylsteke**

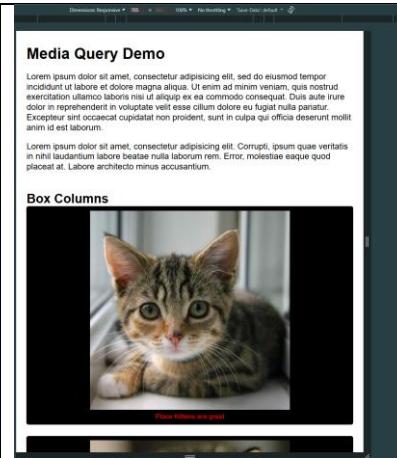
Groep: **1T1c**

docent: **Pim Debaere**

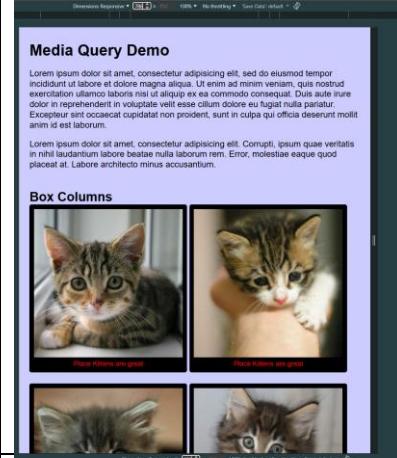
academiejaar **2025-2026**

# Oefening Media Query

<786px



>=786px



>=992px



## CSS

```
body {
    font: 1.2em/1.2 Helvetica, aria, sans-serif;
    margin: 0 3%;
}

h1 {
    font-size: 1.8em;
    margin: .9em 0 0 0;
}
h2 {
    font-size: 1.5em;
    margin: 1.5em 0 0 0;
}

img {
    max-width: 100%;
}

figure {
    background: black;
    border-radius: 5px;
    color: red;
    margin: 0 0 25px 0;
    padding: 10px;
    text-align: center;
}

figcaption {
    font-size: .8em;
}

@media screen and (min-width: 786px) {
    body {
        background-color: #ccccfe;
    }

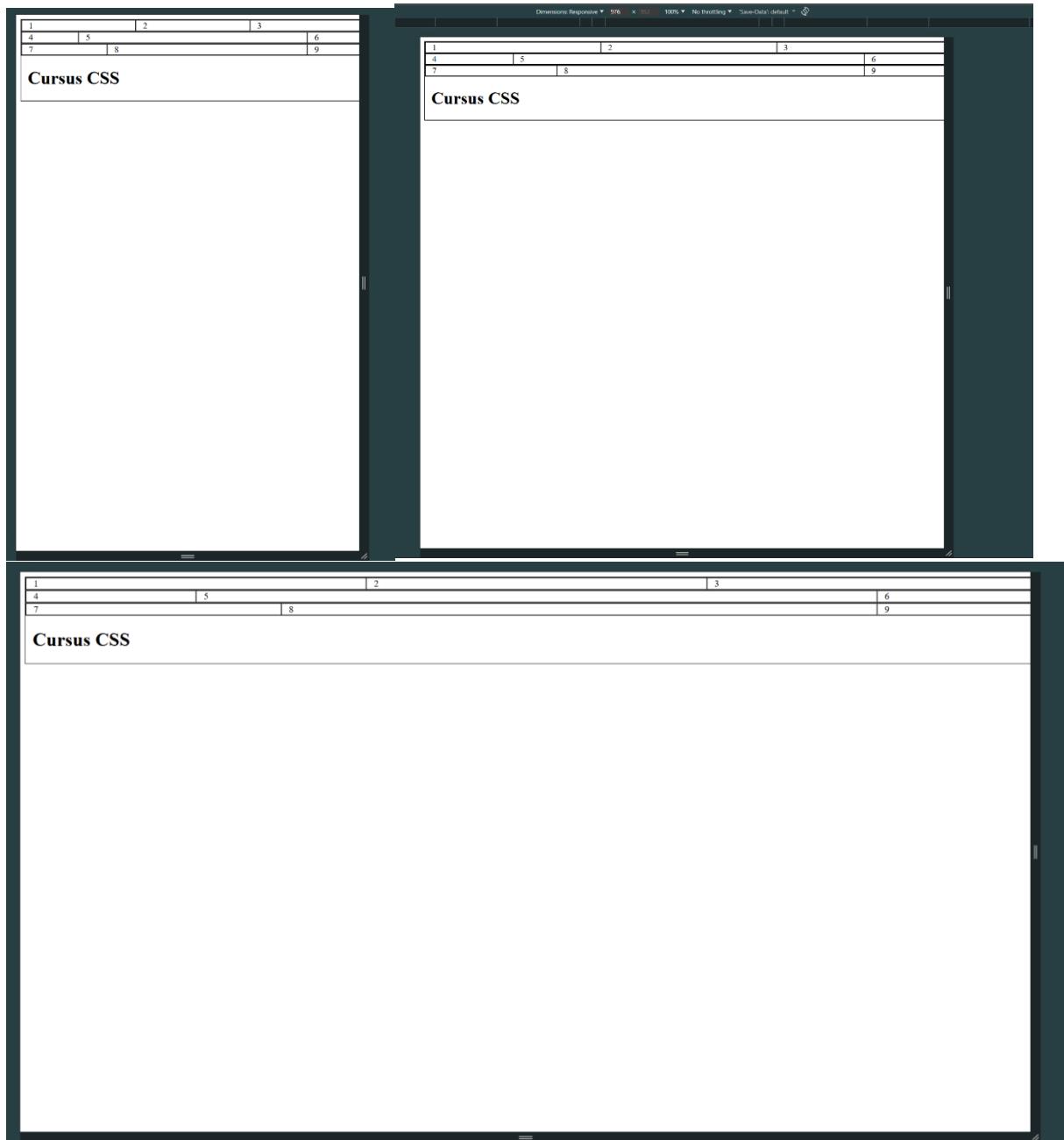
    figure {
        display: inline-block;
        max-width: 45%;
    }
}

@media screen and (min-width: 992px) {
    body {
        background-color: #ccfecb;
    }

    figure {
        display: inline-block;
        max-width: 30%;
    }
}
```

```
}
```

## Beginsituatie Bootstrap Grid



De layout blijft steeds in dezelfde verhouding, ongeacht de grootte van het scherm.

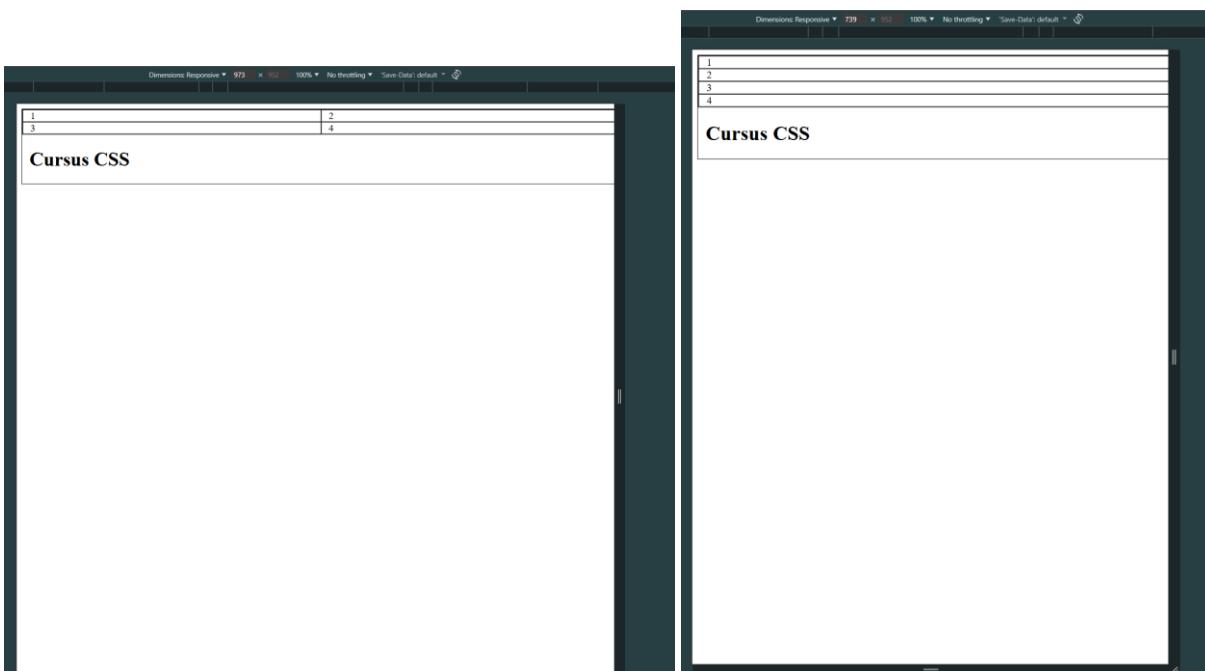
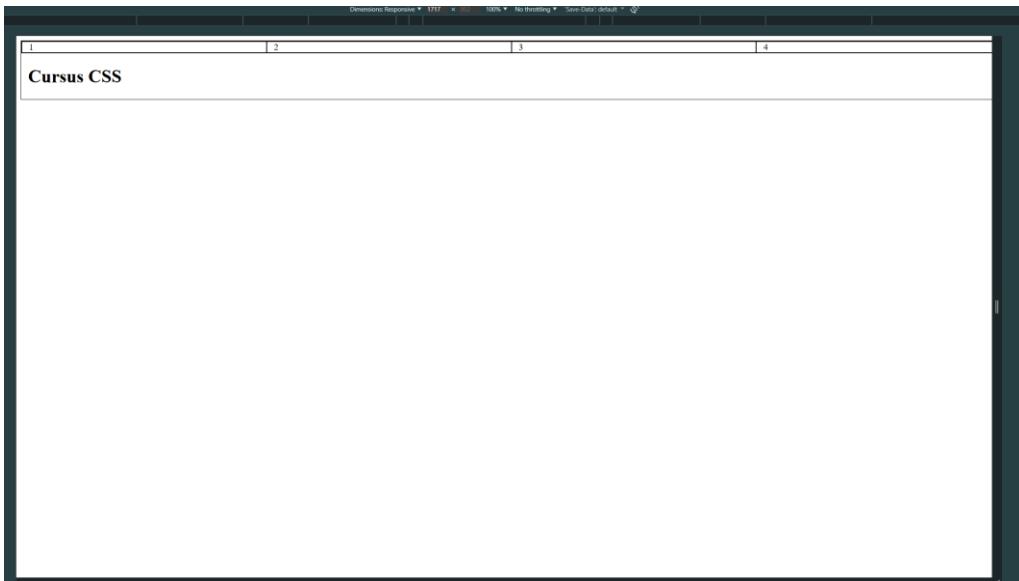
In mijn CSS heb ik enkel een border toegevoegd.

## HTML

```
<!DOCTYPE html>
<html lang="nl">
<head>
    <title>Bootstrap 5 </title>
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
        <!-- Bootstrap CSS -->
        <link rel="stylesheet" href="style/bootstrap-grid.css">
        <!-- Eigen style -->
        <link href="style/style.css" rel="stylesheet">
</head>
<body>
    <div class="container-fluid">
        <div class="row">
            <div class="col-4">1</div>
            <div class="col-4">2</div>
            <div class="col-4">3</div>
        </div>
        <div class="row">
            <div class="col-2">4</div>
            <div class="col-8">5</div>
            <div class="col-2">6</div>
        </div>
        <div class="row">
            <div class="col-3">7</div>
            <div class="col-7">8</div>
            <div class="col-2">9</div>
        </div>
        <article>
            <h1>Cursus CSS</h1>
        </article>
    </div>
</body>
</html>
```

Ik maak gebruik van col-... om te bepalen hoeveel van de 12 vakken het moet innemen.

# Bootstrap Grid Oefening 2



Zoals je ziet veranderen de 4 kolommen afhankelijk van de grootte van het scherm.

Ik heb dit gedaan door col-12 col-md-6 col-lg-3 te gebruiken. Zoals je ziet zijn er ook nog andere groottes waar je van kan nemen.

|           |                        |  |
|-----------|------------------------|--|
| <b>xs</b> | Extra small<br><576px  | portrait mobile                            |
| <b>sm</b> | Small<br>≥576px        | landscape mobile                           |
| <b>md</b> | Medium<br>≥768px       | portrait tablets<br><i>navbar collapse</i> |
| <b>lg</b> | Large<br>≥992px        | landscape tablets                          |
| <b>xl</b> | Extra large<br>≥1200px | laptops,<br>desktops, TVs                  |

HTML

```
<!DOCTYPE html>
<html lang="nl">
<head>
    <title>Bootstrap 5 </title>
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
        <!-- Bootstrap CSS -->
        <link rel="stylesheet" href="style/bootstrap-grid.css">
        <!-- Eigen style -->
        <link href="style/style.css" rel="stylesheet">
</head>
<body>
    <div class="container-fluid">
        <div class="row">
            <div class="col-12 col-md-6 col-lg-3">1</div>
            <div class="col-12 col-md-6 col-lg-3">2</div>
            <div class="col-12 col-md-6 col-lg-3">3</div>
            <div class="col-12 col-md-6 col-lg-3">4</div>
        </div>

        <article>
            <h1>Cursus CSS</h1>
        </article>
    </div>
</body>
</html>
```

## Opdracht Schilderij

Ik heb deze oefening gemaakt door een id te geven aan elk vak. Zo kon ik per vak de border, grootte en kleur aanpassen. Ik heb maar 2 rijen gebruikt, het eerste vak heb ik namelijk opgedeeld in 2 ids.

HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
        <!-- Bootstrap CSS -->
        <link rel="stylesheet" href="CSS/bootstrap-grid.css">
        <!-- Eigen style -->
        <title>Title</title>
        <link rel="stylesheet" href="CSS/Style.css">
</head>
<body>
```

```
<div class="container-fluid">
  <div class="row">
    <div class="col-3 p-0">
      <div id="a"></div>
      <div id="b"></div>
    </div>
    <div class="col-9 p-0">
      <div id="c"></div>
    </div>
  </div>

  <div class="row">
    <div class="col-3 p-0">
      <div id="d"></div>
    </div>
    <div class="col-8 p-0">
      <div id="e"></div>
    </div>
    <div class="col-1 p-0">
      <div id="f"></div>
      <div id="g"></div>
    </div>
  </div>
</div>
</body>
</html>
```

### CSS (Opgave)

```
#a {
  border: solid black;
  border-width: 0 7.5px 15px 0px;
  min-height: 165px;
  background: rgb(255, 255, 255);
}
#b {
  border: solid black;
  border-width: 15px 7.5px 7.5px 0;
  min-height: 190px;
  background: rgb(255, 255, 255);
}
#c {
  border: solid black;
  border-width: 0 0 7.5px 7.5px;
  min-height: 355px;
  background: rgb(220, 40, 26);
}
#d {
  border: solid black;
  border-width: 7.5px 7.5px 0 0;
  min-height: 150px;
  background: rgb(0, 93, 159);
```

```
}

#e {
    border: solid black;
    border-width: 7.5px 7.5px 0 7.5px;
    min-height: 150px;
    background: rgb(255, 255, 255);
}

#f {
    border: solid black;
    border-width: 7.5px 0 12.5px 7.5px;
    min-height: 75px;
    background: rgb(255, 255, 255);
}

#g{
    border: solid black;
    border-width: 12.5px 0 0 7.5px;
    min-height: 75px;
    background-color: rgb(242, 224, 122);
}

div{
    box-sizing: border-box;
}
```

CSS (Die ik zelf had gemaakt en een gelijkaardig resultaat gaf)

```
#a {
    min-height: 150px;
    background-color: white;
}

#b {
    border-top: 16px solid black;
    border-bottom: 8px solid black;
    min-height: 200px;
    background-color: white;
}

#c {
    border-left: 8px solid black;
    border-bottom: 8px solid black;
    min-height: 350px;
    background-color: #dc281a;
}

#d {
    background-color: #005d9f;
    min-height: 150px;
}

#e {
    border-left: 8px solid black;
```

```

        border-right: 8px solid black;
        min-height: 150px;
    }

#f {
    border-bottom: 8px solid black;
    min-height: 75px;
}

#g {
    border-top: 8px solid black;
    min-height: 75px;
    background-color: #eddc78;
}
div {
    box-sizing: border-box;
}

```

## Personal Homepage

HTML

```

<!DOCTYPE html>
<html lang="nl">
<head>
    <meta charset="UTF-8"/>
    <meta name="viewport" content="width=device-width, initial-scale=1"/>
    <title>Personal Homepage - Seppe Vuylsteke</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet"/>
        <link rel="stylesheet" href="CSS/style.css"/>
</head>
<body>
<main class="container my-4">
    <header class="mb-4 text-center">
        <h1>Seppe Vuylsteke</h1>
    </header>

    <section class="mb-5">
        <h2>Persoonlijke informatie</h2>
        <div class="row align-items-center">
            <div class="col-12 col-md-4 col-lg-3 mb-3 mb-md-0">
                
            </div>
            <div class="col-12 col-md-8 col-lg-9">
                <ul class="list-unstyled">
                    <li><strong>Naam:</strong> Seppe Vuylsteke</li>
                    <li><strong>Adres:</strong> Misseweg 19, 9690
Ruien</li>
                </ul>
            </div>
        </div>
    </section>
</main>
</body>

```

```
        <li><strong>Telefoonnummer:</strong> 0123 45 67 89</li>
        <li><strong>Email:</strong>
seppe.vuylsteke@student.vives.be</li>
    </ul>
</div>
</div>
</section>

<section class="mb-5 p-3 border rounded bg-white">
    <h2>Hobby's</h2>
    <ul>
        <li><strong>Motorsport kijken:</strong> Ik kijk graag naar
motorsport zoals <a href="https://www.fiaawec.com/">WEC</a>, <a href="https://www.imsa.com/">IMSA</a> en <a href="https://www.formula1.com/">Formule 1</a>.
        </li>
        <li><strong>Voetbal:</strong> Ik ben keeper bij <a href="https://www.facebook.com/profile.php?id=61578318964023">KFC Kluisbergen</a>, bij de reserven.
        </li>
        <li><strong>Sim-Racen:</strong> Ik speel vooral op <a href="https://assettocorsa.gg/">Assetto Corsa</a> en
andere spellen zoals LMU. Ik maak ook liveries en tracks.
        </li>
    </ul>
</section>

<section class="mb-5">
    <h2>Interesses</h2>
    <div class="row">
        <div class="col-12 col-md-4 col-lg-4 mb-4">
            <strong>Favoriete artiest:</strong> <a href="https://open.spotify.com/artist/0YC192cP3KPCRWx8zr8MfZ">Hans Zimmer</a>
            
        </div>
        <div class="col-12 col-md-4 col-lg-4 mb-4">
            <strong>Favoriete liedje:</strong> <a href="https://www.youtube.com/watch?v=iArXv64tCJA">Young Folks</a>
door Peter Bjorn and John
            
        </div>
        <div class="col-12 col-md-4 col-lg-4 mb-4">
            <strong>Favoriete film:</strong> Star Wars: Episode III Revenge of the Sith
            
        </div>
    </div>
</section>
```

```

        <br/>
        <a href="https://www.imdb.com/title/tt0121766/">IMDb-
pagina</a>
    </div>
</div>
</section>

<aside>
    <section class="mb-5">
        <h2>Prognose</h2>
        <div class="table-responsive">
            <table class="table table-bordered">
                <thead class="table-light">
                    <tr>
                        <th>Student</th>
                        <th>Web Development</th>
                        <th>System Management</th>
                        <th>Computer Systems</th>
                    </tr>
                </thead>
                <tbody>
                    <tr>
                        <th scope="row">Seppe Vuylsteke</th>
                        <td>12/20</td>
                        <td>16/20</td>
                        <td>14/20</td>
                    </tr>
                    <tr>
                        <th scope="row">Sander Vandeputte</th>
                        <td>15/20</td>
                        <td>16/20</td>
                        <td>13/20</td>
                    </tr>
                    <tr>
                        <th scope="row">Thomas De Groote</th>
                        <td>14/20</td>
                        <td>16/20</td>
                        <td>13/20</td>
                    </tr>
                    <tr>
                        <th scope="row">Hubbe</th>
                        <td>15/20</td>
                        <td>-</td>
                        <td>-</td>
                    </tr>
                </tbody>
            </table>
        </div>
    </section>

    <section>
        <h2>Vrienden</h2>
        <div class="table-responsive">
            <table class="table">

```

```
<thead class="table-light">
<tr>
    <th>Voornaam</th>
    <th>Familienaam</th>
    <th>Postcode</th>
    <th>Geboorteplaats</th>
    <th>Telefoonnummer</th>
    <th>Richting</th>
</tr>
</thead>
<tbody>
<tr>
    <td>Maureau</td>
    <td>Denharing</td>
    <td>9636</td>
    <td>Oudenaarde</td>
    <td>0123 45 67 89</td>
    <td>Automechanica</td>
</tr>
<tr class="table-active">
    <td>Lars</td>
    <td>Verstraete</td>
    <td>9030</td>
    <td>Mariakerke</td>
    <td>0478 11 22 33</td>
    <td>Industriële Wetenschappen</td>
</tr>
<tr>
    <td>Marie</td>
    <td>Snoeck</td>
    <td>8400</td>
    <td>Oostende</td>
    <td class="text-muted">onbekend</td>
    <td>Toerisme en Recreatie</td>
</tr>
<tr class="table-active">
    <td>Thomas</td>
    <td>Willems</td>
    <td>2800</td>
    <td>Mechelen</td>
    <td>onbekend</td>
    <td class="text-muted">onbekend</td>
</tr>
<tr>
    <td>Lynn</td>
    <td>Martens</td>
    <td>3500</td>
    <td>Hasselt</td>
    <td>0475 70 60 50</td>
    <td>Voedings- en Dieetkunde</td>
</tr>
<tr class="table-active">
    <td>Kenzo</td>
    <td>De Clercq</td>
```

```

                <td class="text-muted">onbekend</td>
                <td>Brussel</td>
                <td>02 800 90 00</td>
                <td>Politieke Wetenschappen</td>
            </tr>
        </tbody>
    </table>
</div>
</section>
</aside>
</main>

<footer class="text-center py-3 border-top">
    &copy; Seppe Vuylsteke 2025
</footer>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

## CSS

```

body {
    background-color: #f1f3f5;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    color: #212529;
    line-height: 1.6;
}

h1, h2 {
    color: #0d6efd;
    font-weight: 700;
}

h1 {
    margin-bottom: 1rem;
}

h2 {
    border-bottom: 3px solid #0d6efd;
    padding-bottom: 0.3rem;
    margin-bottom: 1rem;
}

a {
    color: #0d6efd;
    text-decoration: none;
}

a:hover, a:focus {
```

```
    text-decoration: underline;
}

ul {
    padding-left: 1.25rem;
}

ul li {
    margin-bottom: 0.5rem;
}

section.border {
    background-color: #ffffff;
    padding: 1.5rem;
    border-radius: 0.5rem;
    box-shadow: 0 0 10px rgba(0,0,0,0.05);
    margin-bottom: 2rem;
}

img.rounded {
    border-radius: 0.5rem;
    box-shadow: 0 0 8px rgba(13, 110, 253, 0.3);
}

table {
    background-color: #ffffff;
    border-radius: 0.5rem;
    overflow: hidden;
    box-shadow: 0 0 10px rgba(0,0,0,0.05);
}

thead.table-light {
    background-color: #e9ecf;
}

tbody tr:hover {
    background-color: #dbe9ff;
    transition: background-color 0.3s ease;
}

.text-muted {
    color: #6c757d !important;
    font-style: italic;
}

footer {
    background-color: #ffffff;
    border-top: 1px solid #dee2e6;
    color: #6c757d;
    font-size: 0.9rem;
    margin-top: 3rem;
}
```