Module 2:
Creating static web pages using HTML5 and CSS3

G) CSS Intro. and colors

December 2022

dlh.lu

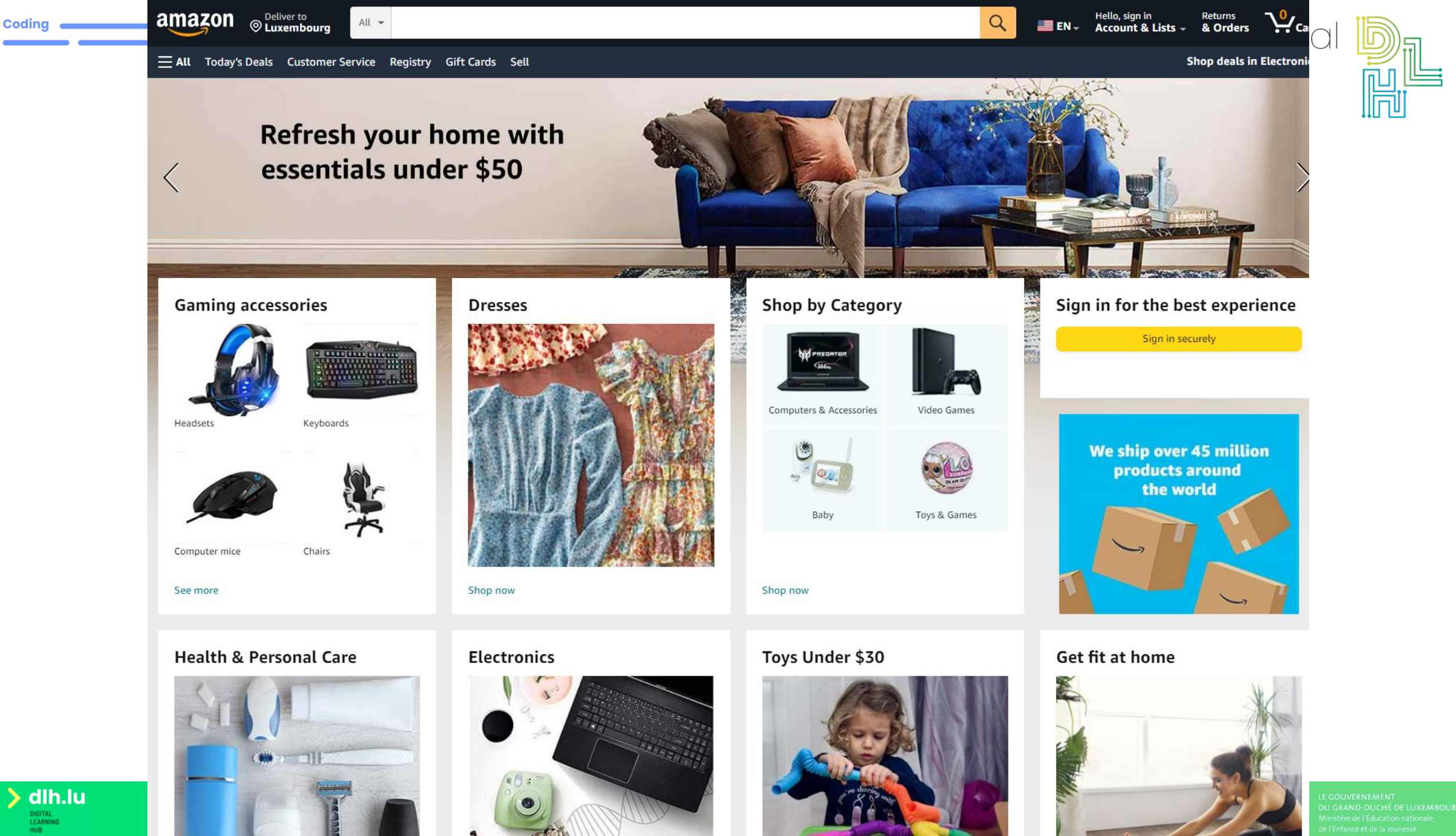DIGITAL
LEARNING
HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Cascading Style Sheets – Analogy 1

Cascading Style Sheets – Analogy 2

HTML   CSS   JAVASCRIPT

dlh.lu

DIGITAL
LEARNING
HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse
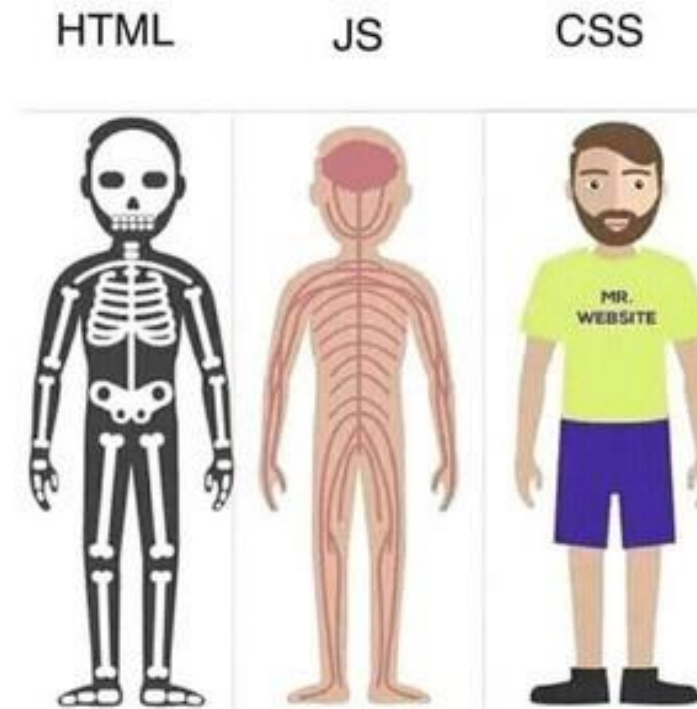
Popular websites... without CSS?!

dlh.lu

DIGITAL LEARNING HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

amazon.com/ref=nav_logo

Skip to main content
.us
Deliver to Luxembourg
All
All Departments

Go
EN
Hello, sign in
Account & Lists Returns & Orders
0
Cart
Sign in
New customer? Start here.
Your Lists
Create a List Find a List or Registry AmazonSmile Charity Lists
Your Account
Account Orders Recommendations Browsing History Watchlist Video Purchases & Rentals Kindle Unlimited Content & Devices Subscribe & Save Items
Memberships & Subscriptions Music Library
Change language Learn more English - EN
español - ES العربية - AR Deutsch - DE עברית - HE 한국어 - KO português - PT 中文 (简体) - ZH 中文 (繁體) - ZH
All
Today's Deals Customer Service Registry Gift Cards Sell Disability Customer Support
Shop deals in Electronics
Previous slide
Next slide

Get fit at home

Explore now

Gaming accessories

See more

Dresses

dlh.lu
DIGITAL
LEARNING
HUB

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Apple

Rechercher sur apple.com
Annuler

- Apple
- Store
- Mac
- iPad
- iPhone
- Watch
- AirPods
- TV & Maison
- Exclusivités Apple
- Accessoires
- Assistance
-
- Shopping Bag +

Rechercher sur apple.com

Annuler

Raccourcis

- Cadeaux de Noël
- Acheter sur l'Apple Store en ligne
- Cartes Cadeaux
- AirPods
- AirTag

5 Raccourcis

Votre Panier est vide.

- Panier
- Votre sélection
- Commandes
- Compte
- Se connecter

iPhone 14

Un grand. Avec un grand Plus.

En savoir plus Acheter

iPhone 14 Pro

Pro. Plus ultra.

Make IT real

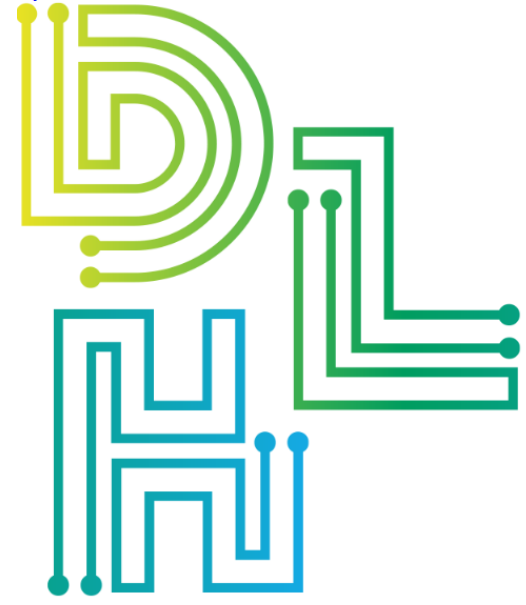# Are you interested in IT trainings?

Discover our trainings   Study at 42

42 is an innovative computer programming school that offers industry-leading tech education for free. Don't expect any formal classrooms or teachers. Instead, you'll research and teach yourself knowledge to gain valuable skills.

42 Luxembourg is tuition-free and doesn't require any coding experience.

Discover 42

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Coding

Make **IT** real

- Trainings
- About Us
- Contact
-
-

Are you interested in IT trainings?

Discover our trainings
Study at 42

dlh.lu

DIGITAL
LEARNING
HUB

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Main idea/mechanism

- The main mechanism of CSS are so-called *selectors*

- A selector can be in the simplest form just the name of an HTML element

- CSS code can be written in a special tag: `<style>`

- Example:

dlh.lu

DIGITAL
LEARNING
HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Main idea/mechanism

My first heading

My first sub-heading

My second heading

My second sub-heading

My third heading

```
<style>
  h1{
    color: red;
    border: 1px solid black;
  }
</style>
</head>
<body>
    <h1>My first heading</h1>
    <h2>My first sub-heading</h2>
    <h1>My second heading</h1>
    <h2>My second sub-heading</h2>
    <h1>My third heading</h1>
</body>
```

dlh.lu
DIGITAL LEARNING HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

CSS Selectors - name

- The most simple selector is based on an element's name as seen previously

- It affects **every** element with that name

- In the previous example, each and every h1 element will have a black border and a red font color.

- Examples:

My first heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

My first sub-heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

My second heading

Vulputate dignissim suspendisse in est ante in. Magna eget est lorem ipsum dolor sit amet consectetur adipiscing. Amet commodo nulla facilisi nullam vehicula ipsum.

My second sub-heading

Urna duis convallis convallis tellus id interdum velit laoreet. Habitant morbi tristique senectus et netus. Eget egestas purus viverra accumsan in nisl nisi scelerisque eu. Id eu nisl nunc mi ipsum faucibus vitae aliquet nec. Augue mauris augue neque gravida. Praesent semper feugiat nibh sed pulvinar. Auctor augue mauris augue neque gravida in fermentum et sollicitudin. Fermentum leo vel orci porta non pulvinar neque. Nulla facilisi nullam vehicula ipsum a arcu cursus vitae congue.

My third heading

Vel pretium lectus quam id leo in vitae turpis. Quam lacus suspendisse faucibus interdum posuere lorem ipsum dolor.

```
<style>
  body{
    font-family: "Calibri"
  }
  h1, h2{
    font-style: italic;
    text-decoration: underline;
    color: red;
  }
  h2{
    color: blue;
  }
</style>
</head>
<body>
  <h1>My first heading</h1>
  <p>Lorem ipsum dolor sit amet, consectetur
  <h2>My first sub-heading</h2>
  <p>Lorem ipsum dolor sit amet, consectetur
  <h1>My second heading</h1>
  <p>Vulputate dignissim suspendisse in est
  <h2>My second sub-heading</h2>
  <p>Urna duis convallis convallis tellus id
  <h1>My third heading</h1>
  <p>Vel pretium lectus quam id leo in vitae
</body>
```

CSS Selectors - name

- The name selector affects all tags of that name

- HTML elements **inherit** the CSS-styles of their parent
  - Example: Setting the font to the body will affect all elements in the body, hence the entire webpage

- We can combine selectors by separating them with a comma

- Example:
  - The italic and underline style with the red color are applied to both h1 and h2 but we redefine the color **later** to blue, hence **overriding** the previous style

```css
h1, h2{
    font-style: italic;
    text-decoration: underline;
    color: red;
}
h2{
    color: blue;
}
```

dlh.lu
DIGITAL
LEARNING
HUB

Innovative and fast learning hub
for creative tech lovers

CSS selector - `id`

- Sometimes we want to apply a CSS style to only one element without affecting all elements of that kind

- That's where the `id` attribute comes in place

- Every element can have an optional `id` attribute, but the value must be unique within the document!

- Example:

dlh.lu
DIGITAL
LEARNING
HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

My first heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

My first sub-heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

My second heading

Vulputate dignissim suspendisse in est ante in. Magna eget est lorem ipsum dolor sit amet consectetur adipiscing. Amet commodo nulla facilisi nullam vehicula ipsum.

My second sub-heading

Urna duis convallis convallis tellus id interdum velit laoreet. Habitant morbi tristique senectus et netus. Eget egestas purus viverra accumsan in nisl nisi scelerisque eu. Id eu nisl nunc mi ipsum faucibus vitae aliquet nec. Augue mauris augue neque gravida. Praesent semper feugiat nibh sed pulvinar. Auctor augue mauris augue neque gravida in fermentum et sollicitudin. Fermentum leo vel orci porta non pulvinar neque. Nulla facilisi nullam vehicula ipsum a arcu cursus vitae congue.

My third heading

```
    #p3{
        border: 1px solid black;
        background-color: lightgray;
    }
  </style>
</head>
<body>
    <h1>My first heading</h1>
    <p>Lorem ipsum dolor sit amet, c
    <h2>My first sub-heading</h2>
    <p>Lorem ipsum dolor sit amet, c
    <h1>My second heading</h1>
    <p id="p3">Vulputate dignissim s
    <h2>My second sub-heading</h2>
    <p>Urna duis convallis convallis
    <h1>My third heading</h1>
    <p>Vel pretium lectus quam id le
</body>
```

st learning hub
reative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

CSS selector - `id`

- The only difference in the CSS part is that the selector must start with a hash **#** followed by the value defined in the **id** attribute

- In the previous example we applied a border only on one single paragraph

CSS selector - `class`

- Sometimes we want to apply a CSS style to a **subset** of elements **without** affecting **all** elements of that kind

- And since the `id` value must be **unique**, something else must be used

- That's where the `class` attribute comes in place

- Every element can have one or more optional `class` attribute, and the name can used as often as necessary

- Example:

My first heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

My first sub-heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

My second heading

Vulputate dignissim suspendisse in est ante in. Magna eget est lorem ipsum dolor sit amet consectetur adipiscing. Amet commodo nulla facilisi nullam vehicula ipsum.

My second sub-heading

Urna duis convallis convallis tellus id interdum velit laoreet. Habitant morbi tristique senectus et netus. Eget egestas purus viverra accumsan in nisl nisi scelerisque eu. Id eu nisl nunc mi ipsum faucibus vitae aliquet nec. Augue mauris augue neque gravida. Praesent semper feugiat nibh sed pulvinar. Auctor augue mauris augue neque gravida in fermentum et sollicitudin. Fermentum leo vel orci porta non pulvinar neque. Nulla facilisi nullam vehicula ipsum a arcu cursus vitae congue.

My third heading

Vel pretium lectus quam id leo in vitae turpis. Quam lacus suspendisse faucibus interdum posuere lorem ipsum dolor.

```
    .par{
        border: 1px solid black;
        background-color: lightgray;
    }
    </style>
</head>
<body>
    <h1>My first heading</h1>
    <p class="par">Lorem ipsum dolor sit am
    <h2>My first sub-heading</h2>
    <p>Lorem ipsum dolor sit amet, consecte
    <h1>My second heading</h1>
    <p class="par">Vulputate dignissim susp
    <h2>My second sub-heading</h2>
    <p>Urna duis convallis convallis tellus
    <h1>My third heading</h1>
    <p>Vel pretium lectus quam id leo in vi
</body>
```

learning hub
ative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

CSS selector - `class`

- The only difference in the CSS part is that the selector must start with a hash `.` (dot) followed by the value defined in the `class` attribute

- We can see that the border is now applied to all the elements with the class "par"

dlh.lu

DIGITAL
LEARNING
HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

CSS Colors

- CSS supports 140 colors names
  - https://www.w3schools.com/colors/colors_names.asp
- However, often we might not find the specific color we are searching
- That's why CSS offers specifying colors using *Color Models* such as RGB(A) and other
- Interactive example:
  - https://www.physicsclassroom.com/Physics-Interactives/Light-and-Color/RGB-Color-Addition/RGB-Color-Addition-Interactive

CSS Colors - Examples

First paragraph

Second paragraph

Third paragraph

Fourth paragraph

Fifth paragraph

```html
<style media="screen">
    #p1{color: rgb(255,0,0);}
    #p2{color: rgb(0,255,0);}
    #p3{color: rgb(0,0,255);}
    #p4{color: Tomato;}
    #p5{color: #BDB76B;}
  </style>
</head>
<body>
    <p id="p1">First paragraph</p>
    <p id="p2">Second paragraph</p>
    <p id="p3">Third paragraph</p>
    <p id="p4">Fourth paragraph</p>
    <p id="p5">Fifth paragraph</p>
```

dlh.lu
DIGITAL LEARNING HUB
Innovative and fast learning hub
for creative tech lovers
LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

CSS Backgrounds

- Images can be used for backgrounds as well
- Let's make a gradient effect using the following image:

My first heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.Eos molestiae quia qui velit aliquid et dolore nihil est earum possimus et inventore architecto. Est magnam mollitia non incidunt impedit eos alias nesciunt aut numquam dolores. Ut laudantium eaque et natus dolores aut labore inventore 33 esse beatae? Qui dolores quia qui itaque voluptates ut inventore ipsam est similique aspernatur sit

My first sub-heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

My second heading

Vulputate dignissim suspendisse in est ante in. Magna eget est lorem ipsum dolor sit amet consectetur adipiscing. Amet commodo nulla facilisi nullam vehicula ipsum.

My second sub-heading

Urna duis convallis convallis tellus id interdum velit laoreet. Habitant morbi tristique senectus et netus. Eget egestas purus viverra accumsan in nisl nisi scelerisque eu. Id eu nisl nunc mi ipsum faucibus vitae aliquet nec. Augue mauris augue neque gravida. Praesent semper feugiat nibh sed pulvinar. Auctor augue mauris augue neque gravida in fermentum et sollicitudin. Fermentum leo vel orci porta non pulvinar neque. Nulla facilisi nullam vehicula ipsum a arcu cursus vitae congue.

My third heading

Vel pretium lectus quam id leo in vitae turpis. Quam lacus suspendisse faucibus interdum posuere lorem ipsum dolor.

```
    .par{
        border: 1px solid black;
        background-image: url(img/gradient_bg.png);
    }
</style>
</head>
<body>
    <h1>My first heading</h1>
    <p class="par">Lorem ipsum dolor sit amet, cons
    aliquid et dolore nihil est earum possimus et i
    <h2>My first sub-heading</h2>
    <p>Lorem ipsum dolor sit amet, consectetur adip
    <h1>My second heading</h1>
    <p class="par">Vulputate dignissim suspendisse
    <h2>My second sub-heading</h2>
    <p>Urna duis convallis convallis tellus id inte
    <h1>My third heading</h1>
    <p>Vel pretium lectus quam id leo in vitae turp
```

CSS Backgrounds

- By default, the background-image property repeats an image both horizontally and vertically

- In our example we only want to repeat it horizontally

- We can use the `background-repeat` attribute to achieve this!

My first heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.Eos molestiae quia qui velit aliquid et dolore nihil est earum possimus et inventore architecto. Est magnam mollitia non incidunt impedit eos alias nesciunt aut numquam dolores. Ut laudantium eaque et natus dolores aut labore inventore 33 esse beatae? Qui dolores quia qui itaque voluptates ut inventore ipsam est similique aspernatur sit

My first sub-heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

My second heading

Vulputate dignissim suspendisse in est ante in. Magna eget est lorem ipsum dolor sit amet consectetur adipiscing. Amet commodo nulla facilisi nullam vehicula ipsum.

My second sub-heading

Urna duis convallis convallis tellus id interdum velit laoreet. Habitant morbi tristique senectus et netus. Eget egestas purus viverra accumsan in nisl nisi scelerisque eu. Id eu nisl nunc mi ipsum faucibus vitae aliquet nec. Augue mauris augue neque gravida. Praesent semper feugiat nibh sed pulvinar. Auctor augue mauris augue neque gravida in fermentum et sollicitudin. Fermentum leo vel orci porta non pulvinar neque. Nulla facilisi nullam vehicula ipsum a arcu cursus vitae congue.

My third heading

Vel pretium lectus quam id leo in vitae turpis. Quam lacus suspendisse faucibus interdum posuere lorem ipsum dolor.

```css
.par{
    border: 1px solid black;
    background-image: url(img/gradient_bg.png);
    background-repeat: repeat-x;
}
```

fast learning hub
creative tech lovers

CSS Backgrounds – Another example

- Using the following image, we can apply a "universe/stars" effect on the whole body!

Make **IT** real

My first heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.Eos molestiae quia qui velit aliquid et dolore nihil est earum possimus et inventore architecto. Est magnam mollitia non incidunt impedit eos alias nesciunt aut numquam dolores. Ut laudantium eaque et natus dolores aut labore inventore 33 esse beatae?

My first sub-heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

My second heading

Vulputate dignissim suspendisse in est ante in. Magna eget est lorem ipsum dolor sit amet consectetur adipiscing. Amet commodo nulla facilisi nullam vehicula ipsum.

My second sub-heading

Urna duis convallis convallis tellus id interdum velit laoreet. Habitant morbi tristique senectus et netus. Eget egestas purus viverra accumsan in nisl nisi scelerisque eu. Id eu nisl nunc mi ipsum faucibus vitae aliquet nec. Augue mauris augue neque gravida. Praesent semper feugiat nibh sed pulvinar. Auctor augue mauris augue neque gravida in fermentum et sollicitudin. Fermentum leo vel orci porta non pulvinar neque. Nulla facilisi nullam vehicula ipsum a arcu cursus vitae congue.

My third heading

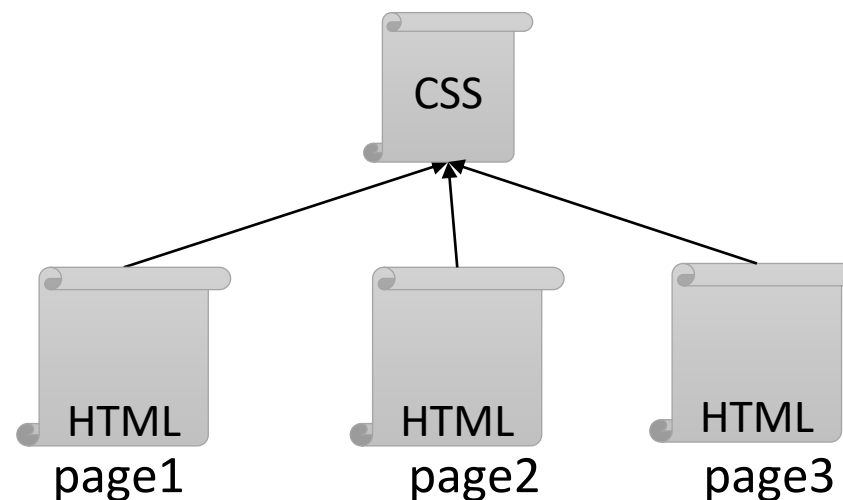Vel pretium lectus quam id leo in vitae turpis. Quam lacus suspendisse faucibus interdum posuere lorem ipsor dolor.

```css
body{
    font-family: "Calibri";
    background-image: url(img/stars-bg.png);
}
p{
    background-color: white;
}
```

dlh.lu
DIGITAL LEARNING HUB
st learning hub
reative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Outsourcing CSS

- A website often consists of multiple pages

- Since we are going for the same look and user experience, the CSS code must be used in each HTML file

- To avoid copy&paste, we can outsource the CSS code to a dedicated `.css` file and link it in the HTML part using a `<link>` element

page1 page2 page3

dlh.lu

DIGITAL LEARNING HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Outsourcing CSS

My first heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.Eos molestiae quia qui velit aliquid et dolore nihil est earum possimus et inventore architecto. Est magnam mollitia non incidunt impedit eos alias nesciunt aut numquam dolores. Ut laudantium eaque et natus dolores aut labore inventore 33 esse beatae?

My first sub-heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

My second heading

Vulputate dignissim suspendisse in est ante in. Magna eget est lorem ipsum dolor sit amet consectetur adipiscing. Amet commodo nulla facilisi nullam vehicula ipsum.

My second sub-heading

Urna duis convallis convallis tellus id interdum velit laoreet. Habitant morbi tristique senectus et netus. Eget egestas purus viverra accumsan in nisl nisi scelerisque eu. Id eu nisl nunc mi ipsum faucibus vitae aliquet nec. Augue mauris augue neque gravida. Praesent semper feugiat nibh sed pulvinar. Auctor augue mauris augue neque gravida in fermentum et sollicitudin. Fermentum leo vel orci porta non pulvinar neque. Nulla facilisi nullam vehicula ipsum a arcu cursus vitae congue.

```
demo-backgrounds2-css-link... ×
1   <!DOCTYPE html>
2   <html lang="en" dir="ltr">
3     <head>
4       <meta charset="utf-8">
5       <title></title>
6       <link rel="stylesheet" href="css/style.css">
7     </head>
8     <body>
9         <h1>My first heading</h1>
10        <p class="par">Lorem ipsum dolor sit amet, consecte
        aliquid et dolore nihil est earum possimus et inven
11        <h2>My first sub-heading</h2>
12        <p>Lorem ipsum dolor sit amet, consectetur adipisci
13        <h1>My second heading</h1>
14        <p class="par">Vulputate dignissim suspendisse in e
15        <h2>My second sub-heading</h2>
16        <p>Urna duis convallis convallis tellus id interdum
17        <h1>My third heading</h1>
18        <p>Vel pretium lectus quam id leo in vitae turpis.
19    </body>
20  </html>
21
```

```
style.css                    ×
1   body{
2       font-family: "Calibri";
3       background-image: url(../img/stars-bg.png);
4   }
5   p{
6       background-color: white;
7   }
8   h1, h2{
9       font-style: italic;
10      text-decoration: underline;
11      color: red;
12  }
13  h2{
14      color: blue;
15  }
16  .par{
17      border: 1px solid black;
18      background-image: url(img/gradient_bg.png);
19      background-repeat: repeat-x;
20  }
21
```

dlh.lu
DIGITAL LEARNING HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Make **IT** real

Exercices

dlh.lu

DIGITAL
LEARNING
HUB

Innovative and fast learning hub
for creative tech lovers

LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse