



Week 2

Description

- Création d'une page web responsive utilisant HTML, Tailwind et JavaScript Uniquement.
- HTML: Prendre en compte la sémantique / découvrir les type de balises (Block, inline ...) ..
- Tailwind CSS : Utilisation de Tailwindcss
- Responsive: Prendre en compte le responsive
- Form
- Image responsive avec picture et srcset
- Icons SVG
- Animation
- Header: Mega menu, Burger menu
- RTL (Version arabe de la page)
- Preloading (gestion de lazyload des medias)
- Custom fonts : Google font

- Embed Video
- Dark mode

Remarque:

- Pour l'intégration des composants et interaction en JS, on part sur Javascript Natif

Bonus:

- Lighthouse: Performance
- Accessibilité: Tester avec des outils
- Tester sur différent navigateur avec browser stack

HOW TO ADD TAILWIND TO YOUR PROJECT

- Use CDN (Content Delivery Network) It's a geographically distributed group of servers that work together to provide fast delivery of internet content including HTML pages, javascript files, stylesheets, images, and videos.

→ When you use the Tailwind CSS CDN (<https://cdn.tailwindcss.com>), you're loading the Tailwind framework from Tailwind's servers rather than hosting it yourself or building it into your project.

```
<script src="https://cdn.tailwindcss.com"></script>
```

HOW TO ADD A FONT TO YOU PROJECT

- Since here I'm already using tailwind just for learning. I'll do the import method with a css file

```
<style>  
@import url('https://fonts.googleapis.com/css2?family=Crimson+Text:ital,wght@  
</style>
```

- Then give the class a name in your html and use the font on it in your css file:

```
@import url("https://fonts.googleapis.com/css2?family=Crimson+Text:ital,wght@

body h1.joe-font {
  font-family: "Crimson Text", serif !important;
}
```

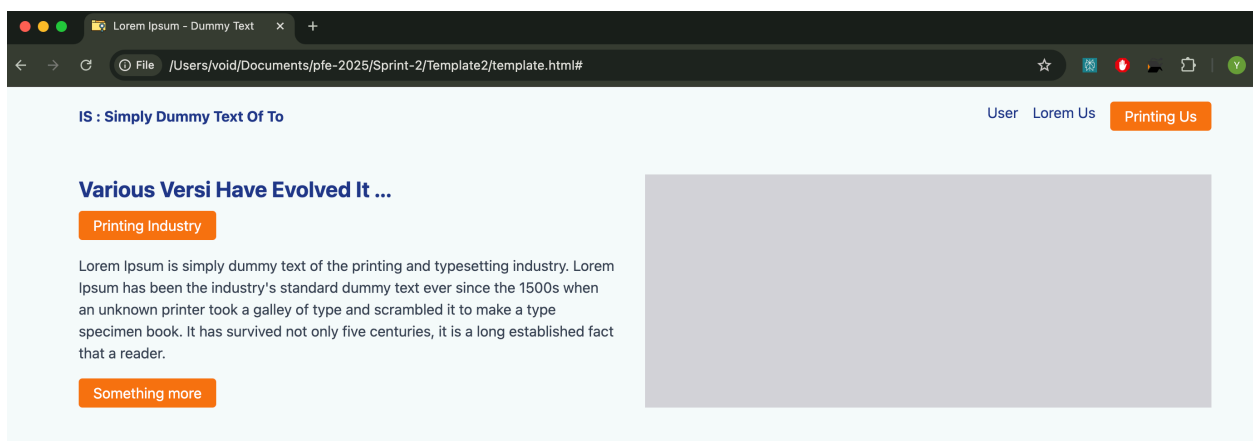
- Or use the style in class not recommended:

```
<h1
  class="text-4xl font-bold text-blue-900 leading-tight joe-font"
  style="font-family: 'Crimson Text', serif !important"
>
```

ADD ICONS

- Download the icon you want to use
- Link it:

```
<link rel="icon" type="image/x-icon" href="favicon.ico" />
<link rel="icon" type="image/png" href="favicon.png" />
```



SOME TAILWIND CLASSES

- `container` : Sets the max-width of the element based on the current breakpoint, helping create a responsive container that's centered in the viewport
- `mx-auto` : Sets margin-left and margin-right to auto, which centers the container horizontally
- `px-4` : Adds horizontal padding (left and right) of 1rem (16px)
- `py-8` : Adds vertical padding (top and bottom) of 2rem (32px)
- `flex` : Sets display property to flex, enabling flexbox layout
- `flex-wrap` : Allows flex items to wrap onto multiple lines if they can't fit on one line
- `mb-4` : Adds a margin-bottom of 1rem (16px). This creates spacing between this paragraph and the element that follows it.
- `w-2` : Sets the width to 0.5rem (8px)
- `h-2` : Sets the height to 0.5rem (8px)
- `rounded-full` : Applies a border-radius of 9999px, which makes the element completely round (a circle when width and height are equal)
- `w-full` : Sets the width to 100% of its parent container, making it take up the full available width
- `md:w-1/2` : At medium screen sizes (768px and above by default), sets the width to 50% of its parent container

REPOSITORY FINAL WORK

- Just check this repository [here](#)