

Navbar Mini Project

Goal: Learn flex layout + alignment

```
<nav class="bg-blue-600 text-white px-6 py-4">  
  <div class="max-w-5xl mx-auto flex justify-between items-center">  
    <h1 class="text-xl font-bold">MyWebsite</h1>  
    <ul class="flex gap-6 text-sm">  
      <li class="hover:underline cursor-pointer">Home</li>  
      <li class="hover:underline cursor-pointer">About</li>  
      <li class="hover:underline cursor-pointer">Services</li>  
      <li class="hover:underline cursor-pointer">Contact</li>  
    </ul>  
  </div>  
</nav>
```

In notepad++ type following code:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>About - MyWebsite</title>
  <link href="./dist/output.css" rel="stylesheet">
</head>
<body class="bg-gray-100 p-10">
  <nav class="bg-blue-600 text-white px-6 py-4">
    <div class="max-w-5xl mx-auto flex justify-between items-center">
      <h1 class="text-xl font-bold">MyWebsite</h1>
      <ul class="flex gap-6 text-sm">
        <li class="hover:underline cursor-pointer">Home</li>
        <li class="hover:underline cursor-pointer">About</li>
        <li class="hover:underline cursor-pointer">Services</li>
        <li class="hover:underline cursor-pointer">Contact</li>
      </ul>
    </div>
  </nav>
</body>
</html>
```

Let's break this **Navbar code line by line in simple meaning** so you fully understand what each Tailwind class does.

1. `<nav class="bg-blue-600 text-white px-6 py-4">`

Meaning:

This is the **main navigation bar container**

Classes explained:

- `bg-blue-600` → background color (blue shade)
- `text-white` → all text inside becomes white
- `px-6` → padding left & right (horizontal space)
- `py-4` → padding top & bottom (vertical space)

□ **Result:**

A blue bar with white text and good spacing.

□ **2.** `<div class="max-w-5xl mx-auto flex justify-between items-center">`

This is the **inner container that aligns content**

□ **Classes:**

- `max-w-5xl` → limits width (prevents navbar from stretching full screen)
- `mx-auto` → centers the div horizontally
- `flex` → puts items in a row (flexbox)
- `justify-between` → pushes items to far left and far right
- `items-center` → vertically centers items

□ **Result:**

Logo on left, menu on right, perfectly aligned.

□ **3.** `<h1 class="text-xl font-bold">MyWebsite</h1>`

□ **Website logo/title**

□ **Classes:**

- `text-xl` → increases font size
- `font-bold` → makes text thick/bold

□ **Result:**

Big bold website name

□ 4. `<ul class="flex gap-6 text-sm">`

This is the **menu container**

□ **Classes:**

- `flex` → arranges list items in a row (horizontal menu)
- `gap-6` → space between menu items
- `text-sm` → small font size

□ **Result:**

Home | About | Services | Contact in a row

□ 5. Each `` item

Example:

```
<li class="hover:underline cursor-pointer">Home</li>
```

□ **Classes:**

- `hover:underline` → underline text when mouse hovers
- `cursor-pointer` → shows hand cursor (like a button)

□ **Result:**

Feels clickable like a real navigation link

□ FINAL OUTPUT (What you get visually)

A navbar that looks like:

MyWebsite Home About Services Contact

With:

- blue background
- white text
- spacing between items
- hover underline effect

