



CSS Menu Design

Design a webpage that includes a horizontal navigation menu, a vertical navigation bar, and an image gallery with captions. You need to use the following HTML tags, attributes, and CSS properties to create this webpage:

1. Tags: `<nav>`, `<ul>`, `<li>`, `<a>`, `<div>`, `<img>`, `<section>`, `<style>`
2. Attributes: `href`, `alt`, `src`
3. CSS Properties: `display`, `flex`, `position`, `background-color`, `border`, `box-shadow`, `text-align`, `transition`, `hover`

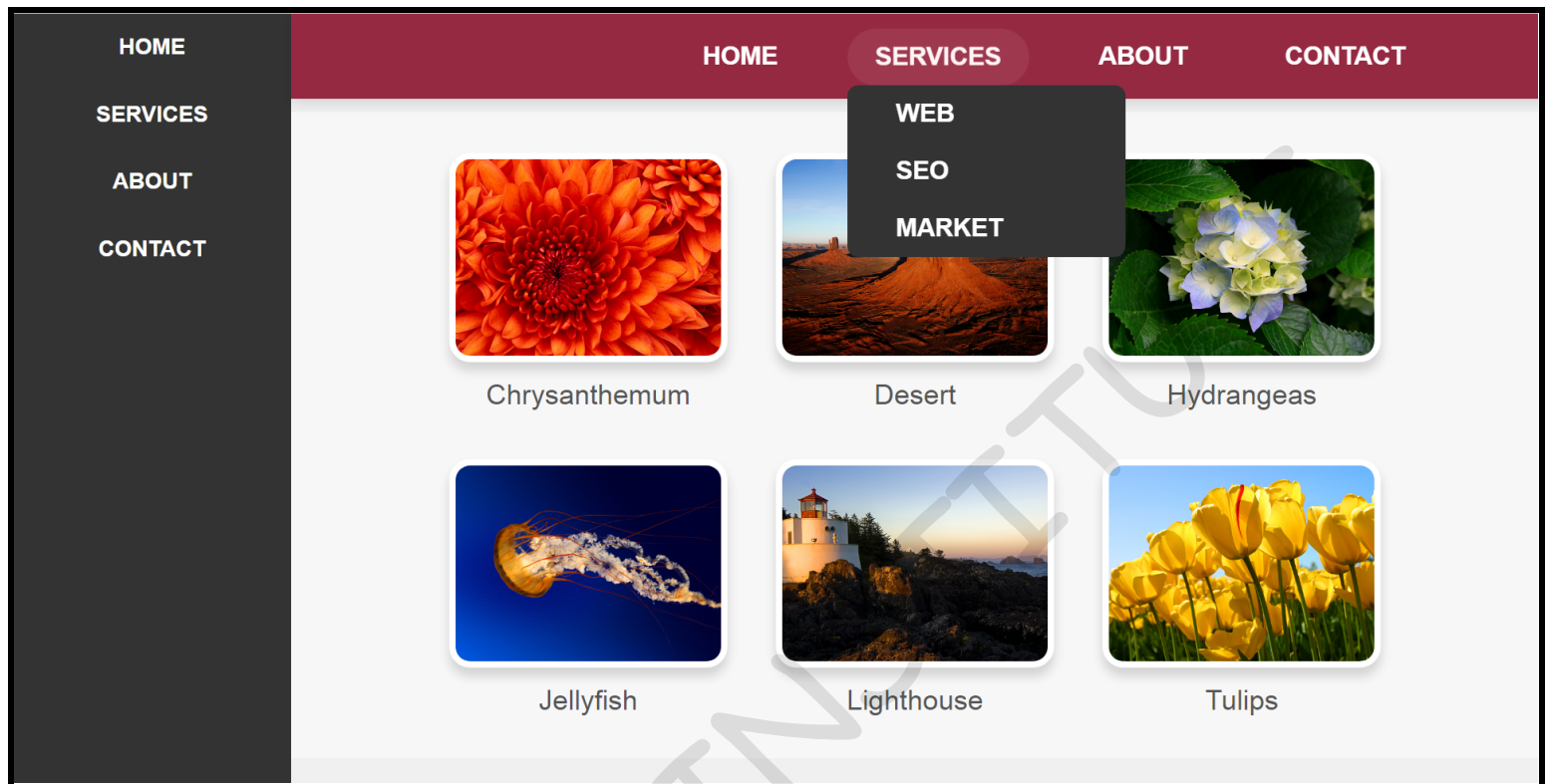
Your task is to:

- Create a horizontal navigation menu that includes a dropdown menu.

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- Add a vertical navigation bar that is fixed on the left side of the screen.
 - Design an image gallery where each image has a caption displayed below it.
 - Use the specified HTML tags, attributes, and CSS properties to style and structure the webpage.

Make sure the webpage looks attractive and is easy to navigate.

OUTPUT



INPUT

Step 1: Basic HTML Structure

```
<!DOCTYPE html>
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Enhanced CSS Menu and Image Gallery</title>
  <style>
    /* Styles will go here */
  </style>
</head>
<body>
  <!-- Content will go here -->
</body>
</html>
```

Step 2: HTML Content

```
1  <!doctype html>
2  <html>
3  <head>
4    <title>Image Gallery</title>
5  </head>
6  <body>
7
8    <!-- ===== Vertical Navigation Menu ===== -->
9    <div class="vertical">
10      <ul>
11        <li><a href="#home">home</a></li>
12        <li><a href="#services">services</a></li>
13        <li><a href="#about">about</a></li>
14        <li><a href="#contact">contact</a></li>
15      </ul>
16    </div>
17
18    <!-- ===== Horizontal Navigation ===== -->
19    <nav>
20      <ul>
21        <li><a href="#home">home</a></li>
22        <li><a href="#services">services</a>
23          <!-- Dropdown menu -->
24          <ul>
25            <li><a href="#web">web</a></li>
26            <li><a href="#seo">seo</a></li>
27            <li><a href="#market">market</a></li>
28          </ul>
29        </li>
30        <li><a href="#about">about</a></li>
31        <li><a href="#contact">contact</a></li>
32      </ul>
33    </nav>
34
35    <!-- ===== Image Gallery ===== -->
36    <div class="gallery">
37      <div class="gallery-item">
38        
39        <div class="caption">Chrysanthemum</div>
40      </div>
41      <div class="gallery-item">
42        
43        <div class="caption">Desert</div>
44      </div>
45      <div class="gallery-item">
46        
47        <div class="caption">Hydrangeas</div>
48      </div>
49      <div class="gallery-item">
50        
51        <div class="caption">Jellyfish</div>
52      </div>
53      <div class="gallery-item">
54        
55        <div class="caption">Lighthouse</div>
56      </div>
57      <div class="gallery-item">
58        
59        <div class="caption">Tulips</div>
60      </div>
61    </div>
62
63  </body>
64  </html>
65
```

Step 3: CSS Reset and Basic Styles

```
/* ===== Basic Reset ===== */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

/* ===== Custom Styling ===== */
body {
  font-family: Arial;
  background-color: #f0f0f0;
  display: flex;
}
```

Step 4: Vertical Navigation Bar

```
/* ===== Vertical Navigation Bar ===== */
.vertical {
    width: 200px;
    background-color: #333;
    height: 100vh;
    position: fixed;
    top: 0;
    left: 0;
    overflow: auto;
}

.vertical ul {
    list-style-type: none;
    padding: 0;
}

.vertical ul li {
    width: 100%;
}

.vertical ul li a {
    display: block;
    color: white;
    padding: 15px;
    text-decoration: none;
    text-transform: uppercase;
    font-weight: bold;
    text-align: center;
}

.vertical ul li a:hover {
    background-color: #575757;
}
```

Step 5: Horizontal Navigation Menu

```
/* ===== Horizontal Navigation Bar ===== */
nav {
    padding: 10px 0;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    position: fixed;
    top: 0;
    left: 200px;
    background-color: #962942;
    width: 100%;
}

nav ul {
    list-style-type: none;
    padding: 0;
    margin: 0;
    align-items: center;
    justify-content: center;
    display: flex;
}

nav ul li {
    position: relative;
    margin: 0 15px;
}

nav ul li a {
    display: block;
    color: white;
    font-size: 18px;
    font-weight: bold;
    text-transform: uppercase;
    text-align: center;
    padding: 10px 20px;
    text-decoration: none;
    border-radius: 30px;
    transition: all 0.4s ease;
}
```

Step 6: Dropdown Menu

```
/* ===== Dropdown Menu ===== */
nav ul li ul {
    display: none;
    position: absolute;
    background-color: #333;
    border-radius: 8px;
    top: 100%;
    left: 0;
    width: 200px;
    padding: 0;
}

nav ul li ul li {
    width: 100%;
}

nav ul li ul li a {
    padding: 10px 20px;
    text-align: left;
}

nav ul li:hover ul {
    display: block;
}
```

Step 7: Hover Effects for Menu Items

```
/* ===== Hover effect for menu ===== */
nav ul li a:hover {
    background-color: white;
    color: #ff6b6b;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
    transform: translateY(3px);
}
```

Step 8: Image Gallery Styling

```
/* ===== Image Gallery Styling ===== */

/* Gallery container style */
.gallery {
  display: flex;
  flex-wrap: wrap;
  gap: 15px;
  justify-content: center;
  padding: 20px;
  background-color: #f7f7f7;
  margin: 70px 0 0 200px;
}

/* Styling for gallery-item */
.gallery-item {
  text-align: center;
  margin: 10px;
}

/* Styling for individual images */
.gallery img {
  width: 200px;
  height: 150px;
  border-radius: 15px;
  background-color: white;
  box-shadow: 0 6px 8px rgba(0, 0, 0, 0.15);
  transition: transform 0.4s ease, box-shadow 0.4s ease;
  border: 5px solid white;
}

/* Hover effect */
.gallery img:hover {
  box-shadow: 0 8px 16px rgba(0, 0, 0, 0.2);
  transform: scale(1.05);
  transform: translateX(10px);
}

/* Styling for captions */
.caption {
  margin-top: 8px;
  color: #555;
  font-size: 20px;
}
```