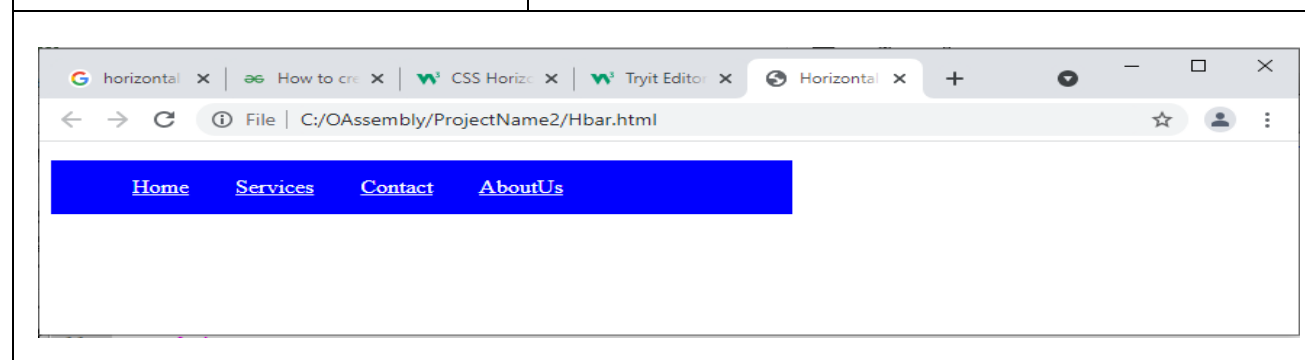


Horizontal Navigation bar With CSS (Cascading Style Sheets)

In this chapter, we will try to create a navigation bar horizontally. To understand this chapter, we need to know some basics of HTML and CSS. Having easy-to-use navigation is important for any web site.

1. We will create the structure of the navigation bar which will later be displayed horizontally.
2. The tags that we will use for this is `<nav>` tag and `` tag. Here `nav` tag will be acting as a container for the list of items that will be used for navigation. `` will also be used to list the number of items that the user will navigate.
3. Now we have the structure of the navigation bar. So we will apply CSS properties like `flex` to make the navigation bar appeared horizontal.

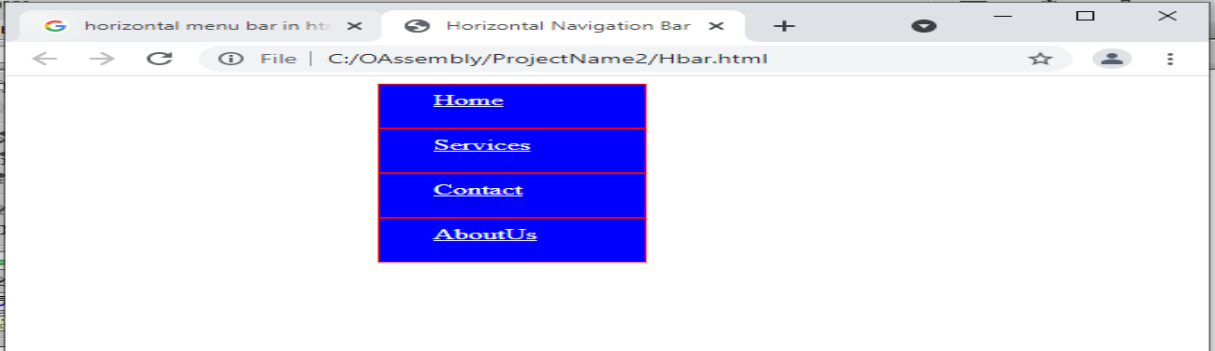
<pre>Hbar.html <!DOCTYPE html> <html> <head> <title>Horizontal Navigation Bar</title> <style> @import "css/Hbar.css"; </style> </head> <body> <nav> Home Services Contact AboutUs </nav> </body> </html></pre>	<pre>Hbar.css nav{ // width 60% of navigation area width:60%; } nav ul { // built style remove of un-order list list-style-type: none; background-color:blue; margin:0; padding:0; overflow:hidden; } nav li { // remove break line in list float:left; } nav li a{ display:block; color:white; padding: 14px 16px; } nav a:hover { // if mouse over at hyper link then background color change in green background-color:green; }</pre>
---	---



Fixed Horizontal Navigation Bar

Make the navigation bar stay at the top or the bottom of the page, even when the user scrolls the page then we can use add two more CSS properties in selector class **nav ul** { top: 0; position:fixed ;}. Similar for bottom **nav ul** { **bottom:0; position:fixed**} you can try it.

Vertical Navigation bar With CSS (Cascading Style Sheets)

<pre>Vbar.html <!DOCTYPE html> <html> <head> <title>Horizontal Navigation Bar</title> <style> @import "css/Vbar.css"; </style> </head> <body> <nav> Home Services Contact AboutUs </nav> </body> </html></pre>	<pre>Vbar.css nav{ margin-left:200px; } nav ul { list-style-type: none; margin:0; padding:0; width:150px; background-color:blue; } nav li { border:1px solid red; } nav li a{ display:block; color:white; padding: 8px 6px 20px 30px; border-radius:30px; } nav a:hover { background-color:green; }</pre>
	

Dropdown Menu Navigation bar With CSS (Cascading Style Sheets)

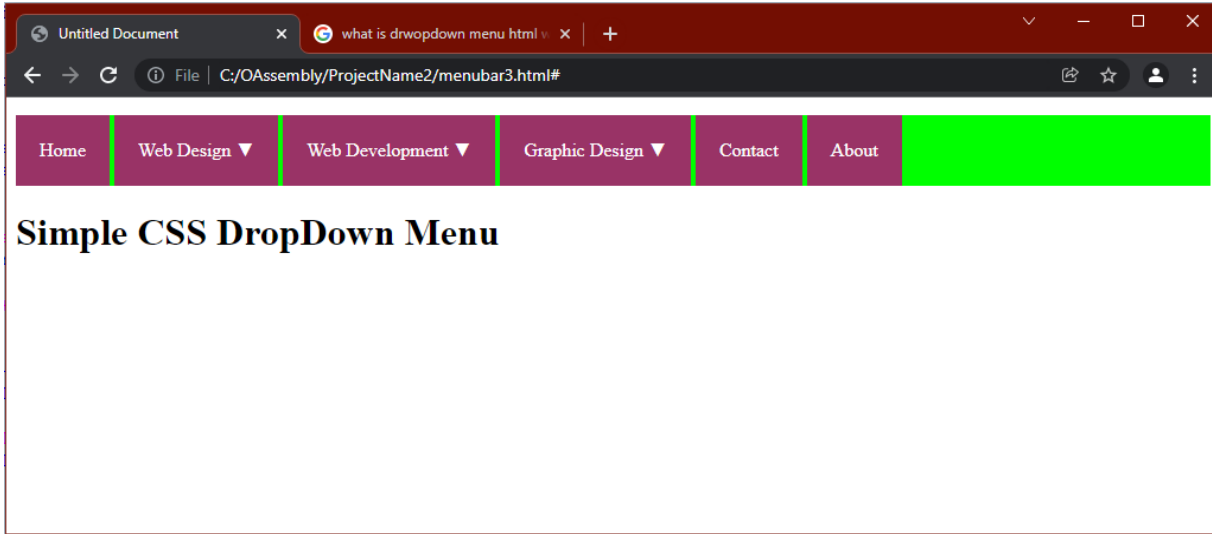
A drop-down menu is a sub-menu of a website or app's main menu. It is used to showcase content buttons (links) for each parent menu item. A CSS dropdown menu is an effective solution for enhancing the UI and UX of an app or website. A drop-down menu is a sub-menu of a website or app's main menu

<pre> <body> <nav> Home Web Design HTML CSS JavaScript Web Development PHP Node JS Advance JS Angular VUE React Photoshop Illustrator Adobe XD Graphic Design Photoshop Illustrator Adobe XD Contact About </nav> </pre>	<pre> nav { margin: 15px 0; background-color:#0F0; } nav ul { padding: 0; margin: 0; list-style: none; position: relative; } nav ul li { display:inline-block; background-color:#936; } nav a { display:block; padding:0 20px; color:#FFF; font-size:16px; line-height: 60px; text-decoration:none; } nav a:hover { background-color: #333; } nav ul ul { display: none; position: absolute; top: 60px; } nav ul li:hover > ul { display:inherit; } nav ul ul li { width:230px; float:none; display:list-item; position: relative; } nav ul ul ul li { </pre>
---	--

```
</nav>
<h1>Simple DropDown Menu</h1>

</body>
</html>
```

```
position: relative;
top:-60px;
left:230px;
}
nav ul ul li {
border: 1px solid white;
}
li > a:after { content: ' ▼'; }
li > a:only-child:after { content: ""; }
```



Exercise

Theory Question

- 1) What is Navigation bar
- 2) Write steps of create navigation bar.
- 3) What is drop down menu in HTML.

Practical Question

- 1) Write a HTML program to develop drop down menu of website.

Objective and MCQ

- 1) A drop-down menu is a _____ of a website.
 - a) Top menu
 - b) Bottom menu
 - c) Sub menu
 - d) Inner menu
- 2) Which is difference in CSS properties of *nav ul* selector class properties in Horizontal and vertical Navigation bar.
 - a) background-color
 - b) padding
 - c) margin
 - d) overflow
- 3) The dropdown menu consist of nested _____ tag or element.
 - a) `<nav>`
 - b) `<div>`
 - c) ``
 - d) `<menu>`
- 4) The main element or tag for navigation bar in HTML.
 - a) `<article>`
 - b) `<footer>`
 - c) `<nav>`
 - d) `<div>`
- 5) The horizontal or vertical navigation bar basically collection of which tags or elements of HTML.
 - a) `<header>`
 - b) ``
 - c) ``
 - d) `<nav>`