

OUTPUT
ASG1

← → ⌂ ⌂ File | /Users/fullstack8/Documents/GitHub/GL-IITR/Nikhil-htmlCssNavDdBarGraph/1.NavAndDropDown.html

apps Apps _Comp_ Hibernate 5 _TechBlogs_ SQLOnly1 _Priority1_ IMP _SpringBoot_ tools _TrustNota_ Aether _Interview_ Spring

Navigation And Menu Demo

Home MenuDD1 MenuDD2

DDLink 1

DDLink 2

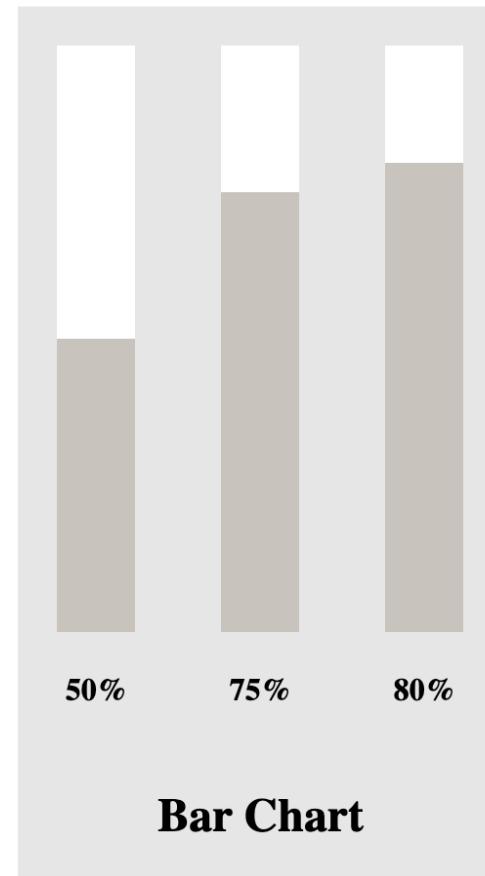
DDLink 3

The screenshot shows a web browser window with the title 'Navigation And Menu Demo'. The menu bar includes standard icons for back, forward, and search, followed by a 'File' menu and the path '/Users/fullstack8/Documents/GitHub/GL-IITR/Nikhil-htmlCssNavDdBarGraph/1.NavAndDropDown.html'. Below the menu bar is a toolbar with various application icons. The main content area features a dark header with the title 'Navigation And Menu Demo' in large, bold, black font. Below the header is a navigation bar with three items: 'Home' (white background), 'MenuDD1' (green background), and 'MenuDD2' (dark gray background). Under 'MenuDD1', there is a dropdown menu with three items: 'DDLink 1' (white background), 'DDLink 2' (light gray background), and 'DDLink 3' (white background). The overall layout is clean and modern, using a combination of dark and light colors for a professional look.

ASG2

File | /Users/fullstack8/Documents/GitHub/GL-IITR/Nikhil-htmlCssNavDdBarGraph/2.BarChart.html

Comp Hibernate 5 TechBlogs SQLOnly1 Priority1 IMP SpringBoot tools TrustNota Aether

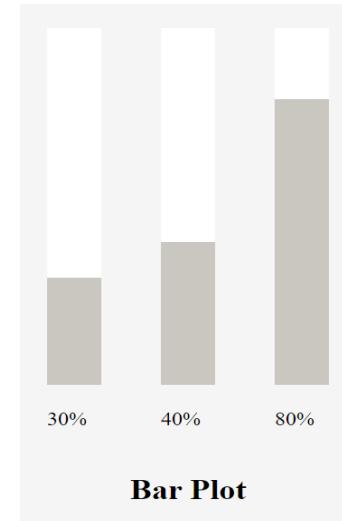


Lab Session

1. Create a Navigation menu bar with dropdown list (10 Marks)
 - a. Create header
 - b. Create a nav bar with link 1, link 2, link 3.
 - i. When hovering over link 2 and 3, show a drop down menu for each of them with DD_Link_1, DD_Link_2, DD_Link_3
 - ii. Apply all the required css properties like width, height, hovering properties, etc.,



2. Create a vertical bar graph with the help of animation. (10 Marks)
 - a. when the page is opened/refreshed, the bar should move from bottom to top, to a predefined percentage. Mention the percentage name below. Create 3 such graphs with 30%, 40% and 80%.
 - b. Below percentage print h1 with text “Bar Plot”
 - c. Position it in the centre of the page.



Asg1.

- DONE - Header Tag
- DONE - Navigation Bar with 3 Links
- DONE - 2 Links as DropDowns –
- DONE - DropDown Items must have Hovering CSS function
- DONE - all the required css properties like width, height, hovering properties

CheckList

Asg2.

- DONE Animation on page open and Refresh
- DONE Percentage specified
- DONE Center aligned
- DONE TEXTS

The screenshot shows a code editor interface with a dark theme. In the top left, there are two tabs: "Menu_DropDown.html X" and "Menu_DropDown.html". The main editor area contains the following code:

```
1 html>(head>title)+(body>header+nav>(ul>li*2))
```

A cursor is positioned at the end of the opening "html" tag. A tooltip window titled "Emmet Abbreviation" is open, displaying the expanded form of the abbreviation:

```
<html>
<head>
    <title>|</title>
</head>
<body>
    <header>|</header>
    <nav>
        <ul>
            <li>|</li>
            <li>|</li>
        </ul>
    </nav>
</body>
</html>
```

ID Navigate

The screenshot shows a browser window with a title bar containing various icons and links. The main content area displays a heading "Demo of Dropdown" and a list of links. Below the browser is a code editor showing the HTML source code for the dropdown menu.

Browser Title Bar: Apps, Newz Papers, Imp-Portals, Must Do Coding Q..., Domains-Index API, Longest alternating..., Reading list

Browser Content:

Demo of Dropdown

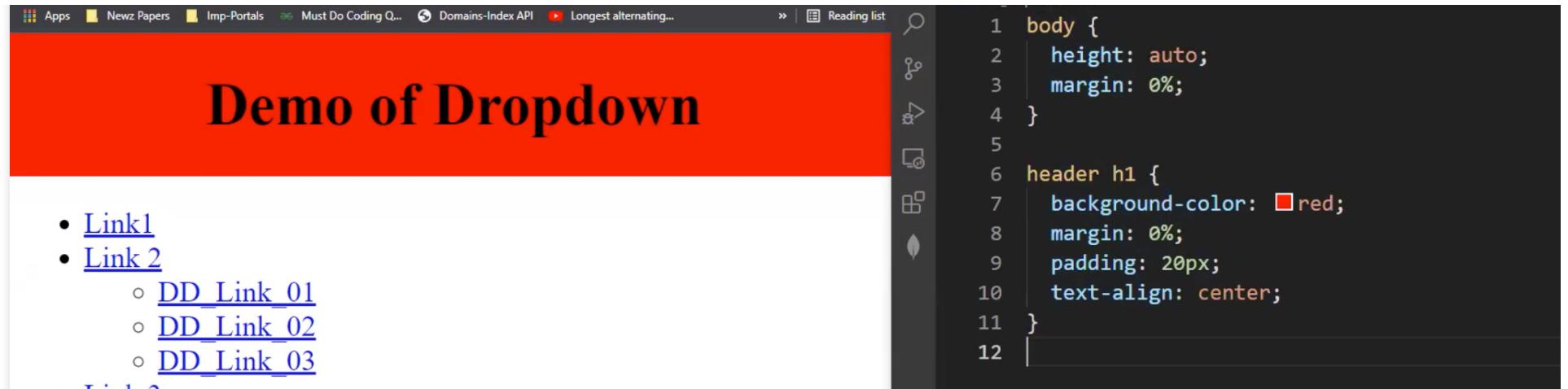
- [Link1](#)
- [Link 2](#)
 - [DD Link 01](#)
 - [DD Link 02](#)
 - [DD Link 03](#)
- [Link 3](#)
 - [DD Link 01](#)
 - [DD Link 02](#)
 - [DD Link 03](#)
 - [DD Link 04](#)

Code Editor:

```
<html>
  <head>
    <title>Menu Drop down</title>
  </head>
  <body>
    <header>
      <h1>Demo of Dropdown</h1>
    </header>
    <nav id="navigate">
      <ul class="menu">
        <li><a href="#">Link1</a></li>
        <li>
          <a href="#">Link 2</a>
          <ul id="dropdown_01">
            <li><a href="#">DD_Link_01</a></li>
            <li><a href="#">DD_Link_02</a></li>
            <li><a href="#">DD_Link_03</a></li>
          </ul>
        </li>
        <li>
          <a href="#">Link 3</a>
          <ul id="dropdown_02">
            <li><a href="#">DD_Link_01</a></li>
            <li><a href="#">DD_Link_02</a></li>
            <li><a href="#">DD_Link_03</a></li>
            <li><a href="#">DD_Link_04</a></li>
          </ul>
        </li>
      </ul>
    </nav>
```

Bottom status bar: In R Col 11 Spaces: 4 UTC 0 CRLF HTML ⌂ Port: 5548 Directories

```
<html>
  <head>
    <title>Menu Drop down</title>
    <link href="menu_dropdown.css" rel="stylesheet"></link>
  </head>
  <body>
    <header>
```



A screenshot of a web browser window. The title bar shows several tabs: Apps, Newz Papers, Imp-Portals, Must Do Coding Q..., Domains-Index API, and Longest alternating... The main content area has a red background and displays the text "Demo of Dropdown". Below this, there is a list of links:

- [Link1](#)
- [Link 2](#)
 - [DD Link 01](#)
 - [DD Link 02](#)
 - [DD Link 03](#)

The right side of the browser window shows the CSS code for the page:

```
1 body {
2   height: auto;
3   margin: 0%;
4 }
5
6 header h1 {
7   background-color: red;
8   margin: 0%;
9   padding: 20px;
10  text-align: center;
11 }
12 |
```

Header and h1

Header and h1 is tag so check syntax in CSS.

Tags and CSS

The screenshot shows a browser window with a dark theme. At the top, there's a navigation bar with links like 'Apps', 'Newz Papers', 'Imp-Portals', 'Must Do Coding Q...', 'Domains-Index API', and 'Longest alternating...'. Below the header, the main content area has a red background with the title 'Demo of Dropdown' in large, bold, black font. The content is organized into three sections, each with a heading and a list of links:

- Link1**
 - [DD_Link_01](#)
 - [DD_Link_02](#)
 - [DD_Link_03](#)
- Link 2**
 - [DD_Link_01](#)
 - [DD_Link_02](#)
 - [DD_Link_03](#)
- Link 3**
 - [DD_Link_01](#)
 - [DD_Link_02](#)
 - [DD_Link_03](#)
 - [DD_Link_04](#)

On the right side of the browser window, the CSS code for the dropdown menu is displayed in a code editor:

```
# menu_dropdown.css > ...
1 body {
2   height: auto;
3   margin: 0%;
4 }
5
6 header h1 {
7   background-color: #red;
8   margin: 0%;
9   padding: 20px;
10  text-align: center;
11 }
12
13 #navigate {
14   top: 0%;
15   z-index: 1;
16   position: sticky;
17 }
18
19 .menu {
20   margin: 0%;
21   background-color: #rgba(0, 0, 0, 0.5);
22 }
23
24
25 .menu li{
26   padding: 10px;
27   display: inline-block;
28 }
```

```
# menu_dropdown.css > 4. .menu li
1 body {
2   height: auto;
3   margin: 0%;
4 }
5
6 header h1 {
7   background-color: red;
8   margin: 0%;
9   padding: 20px;
10  text-align: center;
11 }
12
13 #navigate {
14   top: 0%;
15   z-index: 1;
16   position: sticky;
17 }
18
19 .menu {
20   margin: 0%;
21   background-color: rgba(0, 0, 0, 0.5);
22 }
23
24 |
25
26 .menu li{
27   padding: 10px;
28   display: inline-block;
29 }
```

Menu Class and Actions

```
15   z-index: 1;
16   position: sticky;
17 }
18
19 .menu {
20   margin: 0%;
21   background-color: #rgba(0, 0, 0, 0.5);
22 }
23
24 .menu li a{
25   color: white;
26   font-size: 20px;
27   text-decoration: none;
28 }
29
30 .menu li{
31   padding: 10px;
32   display: inline-block;
33 }
34
35 .menu li:hover{
36   background-color: #rgba(0, 0, 0, 0.7);
37 }
```

```
19 .menu {  
20   margin: 0%;  
21   background-color: transparent;  
22 }  
23  
24 .menu li a{  
25   color: white;  
26   font-size: 20px;  
27   text-decoration: none;  
28 }  
29  
30 .menu li{  
31   padding: 10px;  
32   display: inline-block;  
33 }  
34  
35 .menu li:hover{  
36   background-color: transparent;  
37 }  
38  
39 .menu li:nth-child(2):hover #dropdown_01{  
40   display: block;  
41 }  
42  
43 #dropdown_01{  
44   width: auto;  
45   max-width: 150px;  
46   display: none;  
47 }
```

Display none by default for the Drop Down