

CCA - 104: Web Technologies Assignment

For header and footer

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<title>CSS Template </title>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device
```

```
= width, initial-scale = 1">
```

```
<style>
```

```
* { box-sizing: border-box; }
```

```
body { font-family: Arial, Helvetica, sans-serif; }
```

```
/ * style the header * /
```

```
header { background-color: #666;
```

```
padding: 30px;
```

```
text-align: center;
```

```
font-size: 35px;
```

```
color: white; }
```

```
/ * Create two columns / boxes that float next  
to each other * /
```

```
nav { float: left
```

```
width: 30%;
```

```
height: 300px; / * only for demonstration,
```

```

Should be removed */
background: #ccc;
padding: 20px; }
/* Styles the list inside the menu */
nav ul { list-style-type: none; padding: 0; }

```

```

article { float: left;
padding: 20px;
width: 70%;
background-color: #f1f1f1;
height: 300px; /* only for demonstration,
Should be removed */ }

```

```

/* Clear floats after the columns */
Section: after { content: "";
display: table; clear: both; }

```

```

/* Style the footer */
Footer { background-color: #777;
padding: 20px;
text-align: center;
color: white; }

```

```

/* Responsive layout - makes the two columns /
boxes stack to each other, on small screens */
@media (max-width: 600px) {

```

```
nav, article { width: 100%;  
                height: auto; }
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h2> CSS Layout float </h2>
```

<p> in this example we have created a header, two columns / boxes screens, the columns will stack on top of each other. </p>

<p> Resize the browser window to see the responsive effect - HTML Responsive </p>

```
<header>
```

```
<h2> cities </h2>
```

```
</header>
```

```
<section>
```

```
<nav>
```

```
<ul>
```

```
<li> <a href = "#"> London </a> </li>
```

```
<li> <a href = "#"> Paris </a> </li>
```

```
<li> <a href = "#"> Tokyo </a> </li>
```

```
</ul>
```

```
</nav>
```

```
<article>
```

```
<h1> London </h1>
```

<p> London is the capital city of England. It is

most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants. </p>
<p> Standing on the River Thames, London has been a major settlement for two millennia, its history going back to its founding by the Romans, who named it Londinium.

</p>
</article>
</section>
< footer >
<p> Footer </p>
</ footer >
</ body >
</ html >

For navigation

<!DOCTYPE html>
< html >
< title > W3 CSS </ title >
< meta name = "viewPort" content = "width = device-width, initial-scale = 1" >
< link rel = "stylesheet" href = "https://www.w3schools.com/w3css/4/w3.css" >
< body >
< div class = "w3-container" >
< h2 > navigation bars </ h2 >
< p > The < strong > w3-bar </ strong > class is a

Container for displaying HTML elements horizontally. </P>
 <P> The w3-bar-item class defines
 the container elements. </P>

<P> It is a perfect tool for creating navigation bars: </P>
 </div>

```
<div class = "w3-bar w3-black">
```

```
<a href = "#" class = "w3-bar-item w3-button">
```

```
Home </a>
```

```
<a href = "#" class = "w3-bar-item w3-button">Link 1 </a>
```

```
<a href = "#" class = "w3-bar-item w3-button"> Link 2 </a>
```

```
<a href = "#" class = "w3-bar-item w3-button"> Link 3 </a>
```

```
</div>
```

```
</body>
```

For Content :-

HTML

```
<div class = "shadow box">
```

```
<p> Here's a very interesting note displayed in a  

  lovely shadowed box. </p>
```

```
</div>
```

CSS

Shadows { width: 15cm;

border: 2px solid #333;

box-shadow: 8px 8px 5px #444;

padding: 8px 12px;

background-image: linear-gradient(180deg, #fff, #ddd 40%, #ccc); }

For Side bar

Step 1. Add HTML

```
<!-- side navigation -->
<div class = "sidebar" >
  <a href = "#" > About </a>
  <a href = "#" > Services </a>
  <a href = "#" > Clients </a>
  <a href = "#" > Contact </a>
</div>
```

<!-- Page content -->

```
<div class = "main" >
```

```
</div>
```

Step 2: Add CSS

```
/* The side bar menu */
.sidebar { height: 100%; /* full-height: remove this if you want "auto" height */
width: 160px; /* set the width of the sidebar */
position: fixed; /* fixed sidebar */
z-index: 1; /* stay on top */
top: 0; /* stay at the top */
left: 0;
background-color: #fff; /* Black */
```

```
overflow-x: hidden; /* Disable horizontal Scroll */
padding-top: 20px; }
```

```
/* The navigation menu links */
```

```
.sideNav a { padding: 6px 8px 6px 16px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block; }
```

```
/* When you mouse over the navigation links, change their color */
```

```
.sideNav a: hover { color: #f2f2f2; }
```

```
/* Style page content */
```

```
.main { margin-left: 160px; /* Same as the width of the side bar */
```

```
padding: 0px 20px; }
```

```
/* On smaller screen, where height is less than 450px, change the style of the side bar */
```

```
@media screen and (max-height: 450px) {
```

```
.sideNav { padding-top: 15px; }
```

```
.sideNav a { font-size: 18px; }
```

Q.3. Write a program to display Count, from 5 to 15 using PHP Loop as given below:

```
<?php $count = 5;
while ($count <= 15)
{
    echo $count;
    echo "<br>";
    $count++;
}
```

Q.4. write a program in javascript for unit conversion from kilometer (km) to centimeter (cm). Use of message box necessary.

```
<!DOCTYPE html>
<html>
<title> cm to kilometers Length Converter </title>
<body>
<h2> Length Converter </h2>
<p> Type a value in the cm field to convert the value
to Kilometers : </p>
<p> <label> cm </label>
<input id = "input cm" type = "number" place
holder = "cm" oninput = "length
Converter" >
</p>
<p> Kilometers : <span id = "output Kilometers">
</span> </p>
```

< script >

```
function Length Converter { document.getElementById  
By id ("outputkilometers") .inner HTML = val non  
/ 1000 ;  
}
```

< / script >

< / body >

< / html >