

**CERTIFICATE IN COMPUTER
APPLICATION(CCA)**

CCA -104 : WEB TECHNOLOGIES

ASSIGNMENT

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Part - 1

Q) 1) Write html and css for the following using div.

Header		
Navigation	Content	Sidebar
Footer		

Ans → Create a Header
Step 1) Add HTML:
Example :-

```
<div class = "header">  
  <h1> Header </h1>  
  <p> My supercool header </p>  
</div>
```

Step 2) Add CSS:

Style the header with a large padding, centered text, a specific background-color and a big sized text:

Example :-

```
.header {  
  padding: 60px;  
  text-align: center;
```

```
background: #1abc9c;
color: white;
font-size: 30px;
}
```

Navigation :-

Step 1) Add HTML:

Example :-

```
<div class = "topnav">
  <a class = "active" href = "#home"> HOME </a>
  <a href = "#news"> News </a>
  <a href = "#contact"> Contact </a>
  <a href = "#about"> About </a>
</div>
```

Step 2) Add CSS:

Example :-

```
/* Add a black background color to
the top navigation */
.topnav {
  background-color: #333;
  overflow: hidden;
}

/* Style the links inside the
navigation bar */
```

```
.topnav a {  
  float: left;  
  color: #f2f2f2;  
  text-align: center;  
  padding: 14px 16px;  
  text-decoration: none;  
  font-size: 17px;  
}
```

```
/* Add Change the color of links on  
hover */
```

```
.topnav a:hover {  
  background-color: #add;  
  color: black;  
}
```

```
/* Add a color to the active / current  
link */
```

```
.topnav a.active {  
  background-color: #04AA6D;  
  color: white;  
}
```

b) Sidebar :-

Step 1) Add HTML:

Example:-

```
<!-- Side navigation -->
<div class = "sidenav">
  <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:

Example :-

```
/* The sidebar menu */
.sidenav {
  height: 100%; /* Full-height: remove this if
you want "auto" height */
  width: 160px; /* Set the width of the
sidebar */
  position: fixed; /* Fixed Sidebar (stay in place
on scroll) */
  z-index: 1; /* Stay on top */
  top: 0; /* Stay at the top */
  left: 0;
  background-color: #111; /* 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: # f1f1f1;  
}
```

```
/* Style page content */  
• main {  
margin-left: 160px; /* Same as the width  
of the sidebar */  
padding: 0px 10px;  
}
```

/* on smaller screens, where height is less than 450px, change the style of

```

the sidebar (less padding and a
smaller font size) */
@media screen and (max-height: 450px) {
    .sidebar { padding-top: 15px; }
    .sidebar a { font-size: 18px; }
}

```

Create a content :

Step 1) Add HTML:

Example :-

```

<!-- Page content -->
<div class = "main">
</div>

```

Step 2) Add CSS:

Example :-

```

/* Style page content */
.main {
    margin-left: 160px; /* Same as the
    width of the sidebar */
    padding: 0px 10px;
}

/* On smaller screens, where height
is less than 450px, change the
style of the sidebar (less padding
and a smaller font size) */

```

```
@media screen and (max-height: 450px) {  
  .sidenav {padding-top: 15px;}  
  .sidenav a {font-size: 18px;}  
}
```

Create a Footer:
Example :-

```
<style>  
  .footer {  
    position: fixed;  
    left: 0;  
    bottom: 0;  
    width: 100%;  
    background-color: red;  
    color: white;  
    text-align: center;  
  }  
</style>  
  
<div class = "footer">  
  <p> Footer </p>  
</div>
```

Q) 2) Write the html for the following table.

H ₁	H ₂	H ₃
C ₁	C ₂	
	C ₃	C ₄

Ans →

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2> HTML Tables </h2>
```

```
<p> HTML tables start with a table tag. </p>
```

```
<p> Table rows start with a tr tag. </p>
```

```
<p> Table data start with a td tag. </p>
```

```
<hr>
```

```
<h2> 1 Column : </h2>
```

```
<table>
```

```
<tr>
```

```
<td> 100 </td>
```

```
</tr>
```

```
</table>
```

```
<hr>
```

```
<h2> 1 Row and 3 column : </h2>
```

```
<table>
```

```
  <tr>
```

```
    <td> 100 </td>
```

```
    <td> 200 </td>
```

```
    <td> 300 </td>
```

```
  </tr>
```

```
</table>
```

```
<hr>
```

```
<h2> 3 Rows and 3 Columns : </h2>
```

```
<table>
```

```
  <tr>
```

```
    <td> 100 </td>
```

```
    <td> 200 </td>
```

```
    <td> 300 </td>
```

```
  </tr>
```

```
  <tr>
```

```
    <td> 400 </td>
```

```
    <td> 500 </td>
```

```
    <td> 600 </td>
```

```
  </tr>
```

```
  <tr>
```

```
    <td> 700 </td>
```

```
    <td> 800 </td>
```

```
    <td> 900 </td>
```

```
  </tr>
```

```
</table>
```

```
<hr>
```

```
</body>
```

```
</html>
```

Part - 2

classmate

Date

Page

Q 3: Write a Program to display count, from 5 to 15 using PHP loop as given below.

Ans → Rule & Hint :-

- You can use "for" or "while" loop
- You can use variable to initialize count
- You can use html tag for line break

View Solution/ Program

```
<? php
$count = 5;

while ($count <= 15)
{
    echo $count;

    echo "<br>";

    $count ++ ;
}
?>
```

Tutorials Class - Output Window

5

6

7

8

9

10

11

12

13

14

15

Q 4: Write a program in javascript for Unit Conversion from kilometer (Km) to Centimeter (cm). use of message box is necessary.

Ans →

```
// This is a Java program which
converts the value of kilometer
into the value in cm
import java.io.*;
class convert {
    static double Conversion Kilometer to cm (int
    kilometer)
    {
        double centimeter;
        centimeter = 100000 * kilometer;
        System.out.printf ("Value in Centimeter is: %.2f\n",
        centimeter);
        return 0;
    }
    public static void main (String args [])
    {
        int Kilometer = 2.008457;
        Conversion Kilometer to cm(Kilometer);
    }
}
```