

# ASSIGNMENT - 4

CCA-104 WEB TECHNOLOGIES

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ASSIGNMENT-4 CCA-101: WEB TECHNOLOGIES

PART-I

1) write HTML and CSS for the following using div

Header

⇒ HTML

```
<div class = "header">
```

```
<h1> Header </h1>
```

```
<p> My supercool header </p>
```

```
</div>
```

⇒ CSS

style The header with a large padding, centered text a specific background color and a big sized text

```
.header{
```

```
padding: 60px;
```

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

```
background: #1abc9c
```

```
color: white
```

```
font-size: 30px;
```

```
}
```

Content:

```
<style>  
h2:after {  
  content: /OoAT  
}  
</style>
```

CSS can insert text content before or after an element or change the content of a list item marker (such as a bullet symbol or number) before a `<li>` or other element with `display: list-item`. To specify this, make a rule and add `::before`, `::after` or `::marker` to the selector. In the declaration, specify the content property with the text content as its value.

⇒ HTML

A text where I need to `<span  
class="ref"> something </span>`

⇒ CSS

```
.ref::before {  
  font-weight: bold;  
  color: navy;  
  content: "Reference";  
}
```

# Navigation

⇒ HTML

```
<div class = "nav" >
  <a class = "active"
  href = "# home" > Home </a >
  <a href = "# news" > news </a >
  <a href = "# contact" > contact </a >
  <a href = "# about" > About </a >
</div >
```

⇒ CSS

```
/* Add a black background color to the top navigation */
```

```
*/
```

```
.nav {
```

```
background-color: #333;
```

```
overflow: hidden;
```

```
}
```

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

```
.nav a {
```

```
float: left;
```

```
color: #f2f2f2;
```

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

```
padding: 14px 16px;
```

```
text-decoration: none;
```

```
font-size: 17px;
```

```
}
```

/\* Change The color of links on hover \*/

```
nav a : hover {  
  background-color : #ddd;  
  color : black;  
}
```

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

```
nav .a .active {  
  background-color : #04AABF;  
  color : white;  
}
```

Side bar

⇒ HTML & CSS

To create this you need to create an HTML and CSS file. Then copy the sture below and paste it into the HTML file. In the HTML structure below I have put all the information where you will add the required code.

```
<html>
```

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

```
<head>
```

```
<link rel = "stylesheet" href = "https://use.fortawesome-  
com/releases/v5.8.1/css/all.css">
```

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



```

<meta http-equiv="x-ua-compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-
  -scale=1.0">
<title> document </title>
<style>
</style>
</head>
<body>
  <div class="wrapper">
    <!-- TOP menu -->
    <div class="side bar">
      <!-- profile image & text -->
      <!-- menu item -->
    </div>
  </div>
</body>
</html>

```

=> I added some basic CSS code that basically designed the background and gave the side bar a shape.

```

@import url('https://fonts.googleapis.com/css2?family=
  open+Sans&display=swap');

```

```
{  
list-style: none;  
text-decoration: none;  
margin: 0;  
padding: 0;  
box-sizing: border-box;  
font-family: 'open sans', sans-serif;  
}
```

```
body {
```

```
background: #f5f6fa;
```

```
}
```

```
wrapper .side-bar {
```

```
background: rgb(5, 68, 104);
```

```
position: fixed;
```

```
top: 0;
```

```
left: 0;
```

```
width: 220px;
```

```
height: 100%;
```

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

```
transition: all 0.5s ease;
```

```
}
```

## Footer

The `<footer>` tag defines a footer for a document or section

A `<footer>` element typically contains

⇒ authorship information

⇒ copyright information

⇒ contact information

⇒ site map

⇒ back to top links

⇒ related documents.

⇒ `<FOOTER>`

`<P> Author : Hege Refernes </P>`

`<P>`

`<a href = "mailto: hege @ example . com" > hege @ example  
com </a> </P>`

`</FOOTER>`

⇒ `<HTML>`

`<head>`

`<style>`

`footer {`

`text-align: center;`

`padding: 3px;`

`background-color: Dark Salmon;`

`color: white`

`}`

`</style>`

`</head>`



</body >

</footer >

<p> Author : Hege Reference <br >

<a href = "mailto : hege @ example . com" > hege @ example  
com </a > </p >

</footer >

</body >

</html >

2) write html for the following table.

place	state	maximum temperature in C
ardha	maharashtra	47.5
AKOLA		46.4
khajuraho	madhya	46.4
sagar	Praderh	46.2

Solution

<table border = "1" cellpadding = "10" >

<thead bgcolor = "pink" align = "center" >

<br >

<th> place </th >

<th> state </th >

<th> maximum <br > temperature <br > in </th >

</th >

</thead >

```

</tbody bgcolor = "sky blue" align = "center">
<tr>
<td> wardha </td>
<td> rowspan = "2" > maharashtra </td>
<td> 47.5 </td>
</tr>
<tr>
<td> Akola </td>
<td> 46.44 </td>
</tr>
<tr>
<td> khajuraho </td>
<td> rowspan = "2" > madhya <br> pradesh </td>
<td> 47.5 </td>
</tr>
<tr>
<td> sagar </td>
<td> 46.2 </td>
</tr>
</tbody>
</table>

```

### PART-2

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++;
```

```
}
```

OUT PUT

5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15

Q) write a program in java script for unit conversion from kilometer (km) to centimeter

If we want to convert the value of kilometer into cm value, then we have to use the formula following formula:

$$1 \text{ km} = 100000 \text{ cm. } \text{cm} = 100000 * \text{kilometer}$$

=>

// This is a Java Program which converts the value of kilometer 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 arg0[])
{
int kilometer = 2.008 457;
conversion - kilometer - to - cm (kilometer);
}
}

```

OUTPUT

value in centimeter is : 200845.70.