

Assignment - 4

CCA 104

Web

Technologies

BY
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Declaration

I sraddha choudhary Registration no: CCA/2021/85963 (CSC id - 272443730011) hereby declare that the assignment submitted on the entitled “WEB TECHNOLOGIES” is a bonfires work done by me.

PART - 1

QUESTION - 01

Write HTML and CSS for the following using div

Header		
Navigation	Content	Sidebar
Footer		

ANSWER :-

HTML :-

HTML Stands for HyperText Markup language. It is the Standard markup language for creating web pages. HTML describe the structure of a web page. It consist of a series of elements those elements tells about the browser how to display the content. HTML element label pieces of content such as "this is a heading" "this is a link" etc.

CSS :-

CSS stands for Cascading style sheet. It describe how HTML elements are to be displayed. on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once. External stylesheet are stored in CSS files.

SYNTAX:-

<html>

<style>

table, th, td {

border: 1px solid black;

border-collapse: collapse;

}

</style>

<body>

<table style="width: 100%;>

<tr>

<th> header </th>

</tr>

</table>

<table style="width: 100%;>

<tr style="height: 200px">

<td> Navigation </td>

<td> Content </td>

<td> Sidebar </td>

</tr>

</table>

<table style="width: 100%;>

<tr>

<th> footer </th>

</tr>

</table>

</body>

</html>

HTML Table Sizes Tryit Editor v3.7

w3schools.com/html/tryit.asp?filename=tryhtml_table_row_height

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Home HTML HTML Tables Table Sizes Tryit: HTML table - set row height

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```

<html>
<style>
table, th, td {
border:1px solid black;
border-collapse: collapse;
}
</style>
<body>
<table style="width:100%">
<tr>
<th>header</th>
</tr>
</table>
<table style="width:100%">
<tr style="height:200px">
<td>Navigation</td>
<td>Content</td>
<td>Sidebar</td>
</tr>
</table>
<table style="width:100%">
<tr>
<th>Footer</th>
</tr>
</table>

```

header		
Navigation	Content	Sidebar
Footer		

QUESTION:02

Write html for the following table.

H ₁	H ₂	H ₃
C ₁	C ₂	
	C ₃	C ₄

ANSWER:-

HTML:-

HTML stands for Hyper Text Markup language. It is the standard markup language for creating web pages. HTML describes the structure of a web page. It consists of a series of elements those elements tell about the browser how to display the content. HTML elements label pieces of content such as "this is a heading", "this is a link" etc.

SYNTAX:-

<html>

<head>

<style>

table, th, td {

border: 1px solid black;

border-collapse: collapse;

}

</style>

</head>

<body>

<table style = "width:100%">

<tr>

<th> H1 </th>

<th> H2 </th>

<th> H3 </th>

</tr>

<tr>

<th> C1 </th>

</tr>

<tr>

<td> </td>

<th> C3 </th>

<th> C4 </th>

</tr>

</table>

</body>

</html>

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```
<html>
<head>
<style>
table, th, td {
  border: 1px solid black;
  border-collapse: collapse;
}
</style>
</head>
<body>
<table style="width:100%">
  <tr>
    <th>H1</th>
    <th>H2</th>
    <th>H3</th>
  </tr>
  <tr>
    <th>C1</th>
    <th>C3</th>
    <th>C4</th>
  </tr>
  <tr>
    <td></td>
    <td></td>
    <td></td>
  </tr>
</table>
```

H1	H2	H3
C1	C3	C4

PART - 2

QUESTION - 03

Write a programme to display count, from 5 to 15 using PHP loops as given below.

ANSWER:-

PHP:-

PHP is an acronym for "PHP: Hypertext PreProcess". It is a widely used, open source scripting language. PHP scripts are executed on the server. It is free to download and use.

PHP is an amazing and popular language. It is powerful enough to be at the core of the biggest blogging system on the web. It is deep enough to run large social networks. PHP is also easy enough to be a beginner's first server side language.

PHP LOOP'S :-

Often when we write code, we want the same block of code to run over and over again certain number of times. So, instead of adding several almost equal code lines in a script, we can use loops. Loops are used to execute the same block of code again and again as long as a certain condition is true.

PROGRAM TO DISPLAY COUNT FROM 5 TO 15 USING PHP LOOPS:-

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

    $count ++;
}
?>
```

output:-

5
6
7
8
9
10
11
12
13
14
15

← → ↻ w3schools.com/php/phptryit.asp?filename=tryphp_loop_while

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

5
6
7
8
9
10
11
12
13
14
15

QUESTION-04

Write a program in JavaScript for unit conversion from Kilometer (km) to centimeter (cm). use of message box is necessary.

ANSWER:-

JAVA SCRIPT:-

Is a programming language that is one of the core technologies of the world wide web alongside HTML and CSS. Javascript is a high level. It has dynamic typing prototype-based object oriented and first class function. Javascript engines were originally used only in web browser, but are now core component of some server and a variety of application.

PROGRAM IN JAVA SCRIPT FOR UNIT CONVERSION FROM KM TO CM:-

```
<!DOCTYPE html>
<html>
<title> Kilometer to cm Length Converter </title>
<body>

  <h2> length Converter </h2>
  <p> TYPE A VALUE in the kilometers field to convert the value
    to cm; </p>

  <p>
    <label> Kilometers </label>
    <input id = "input Kilometers" type = "number"
    placeholder = "Kilometers"
```

on input = "Length Converter (this.value)"

on change = "Length Converter (this.value)" >

</P>

<P> cm: </P>

<Script>

function length converter (valNum)

{

document . get Element By Id ("output cm"). inner HTML = val Num
* 100000;

}

</Script>

</body>

</html>

Length Converter :-

Type a Value in the kilometers field to convert the Value to cm:

kilometers

cm :

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```
<!DOCTYPE html>
<html>
<title>kilometers to cm length converter</title>
<body>

<h2>length converter</h2>

<p>Type a value in the kilometers field to convert the value to cm:</p>

<p>
  <label>kilometers</label>
  <input id="inputkilometers" type="number"
    Placeholder="Kilometers"
    oninput="Lengthconverter(this.value)"
    onchange="Lengthconverter(this.value)">
</p>
<p>cm: <span id="outputcm"></span></p>

<script>
  function Lengthconvert(valNum) {
    document.getElementById("outputcm").innerHTML=valNum*100000;
  }
</script>
</body>
</html>
```

length converter

Type a value in the kilometers field to convert the value to cm:

kilometers

cm: