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Code:- CCA 104

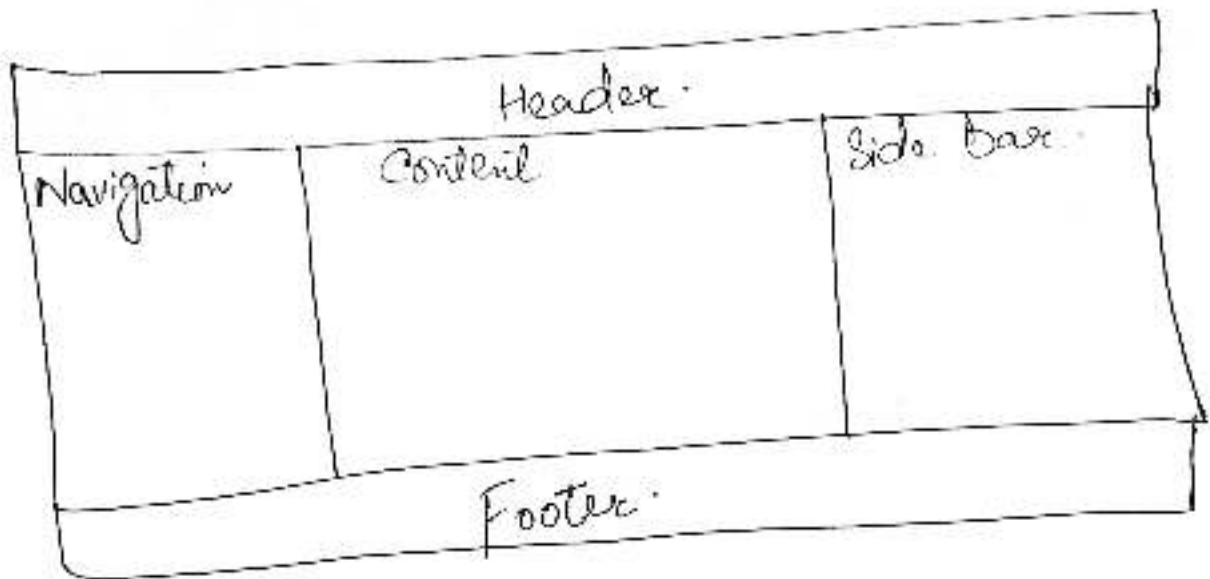
Course Title :- Web Technologies

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CCA-104 :- Web Technologies

PART-1

Ques:- Write html and CSS for the following using div.



Ans:- Following are the coding of html and CSS using div tag.

```
<style>
body, html {
height: 100%;
}
header {
height: 40px;
width: 100%;
}
```

```

.footer {
height: 40px;
width: 100%;
position: absolute;
bottom: 0;
}

```

```

.content {
position: absolute;
width: 100%;
top: 40px;
bottom: 40px;
overflow: auto;
}

```

```

</style>

```

```

<div class="header">

```

Profile

```

</div>

```

```

<div class="Content">

```

Content

```

</div>

```

```

<div class="footer">

```

Footer

```

</div>

```

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The Content between these can be flexible in size.

I have an example which works if the content does not go past the height.

```
<div class="Container">
```

```
  <div class="SideBar">
```

```
    <div class="Profile">
```

```
      Profile Area
```

```
    </div>
```

```
  <ul class="List">
```

```
    <li>List Item </li>
```

```
    <li>List Item </li>
```

```
    <li>List Item </li>
```

```
    <li>List Item </li>
```

```
    <li>List Item </li>
```

```
  </ul>
```

```
  <div class="Footer">
```

```
    Footer area
```

```
  </div>
```

```
</div>
```

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

```
  Content Area
```

```
</div>
```

```
</div>
```


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Ques:- Write HTML for the following table?

H1.	H2	H3.
C1.	C2	
	C3	C4.

Ans:- ~~Write~~ <!DOCTYPE HTML>

<html>

<head>

<title> HTML Table Example </title>

</head>

<body>

<body> <h1> HTML Tables </h1>

<table border="1px" width="70%" cellpadding="10px" cellspacing="0px" style="border-collapse: collapse; background-color: blue;">

<tr align="center">

<th> Student Name </th>

<th> Roll Number </th>

<th> class </th>

<th> Date of Birth </th>

<th> Gender </th>

</tr>

<tr align="center">

<td>

<td> Rahul </td>

<td> 101 </td>

(31)

<td> 10th </td> .

<td> 23-9-2006 </td> .

<td> Male </td> .

</tr> .

</table>

</body>

</html> .

In most cases, tables are more convenient to display large amounts of structured data nicely. That's why, in this article, we are going to learn how to use tables in HTML and then how to style them.

A Table is a representation of data arranged in rows and columns. Really, it's more like a spreadsheet. In HTML, with the help of Table,

→

per

You can arrange data like images, text, links and so on into rows and columns of cells.

The use of tables in the web has become more popular recently because of the amazing HTML table tags that make it easier to create and design them.

To create table in HTML you will need to use tags. The most important one is the `<table>` tag which is the main container of the table. It shows where the table will begin and where it ends.

Common HTML Table tags

Other tags include:

- `<tr>` - represents row.
- `<td>` - used to create data cells.
- `<th>` - used to add table headings.
- `<caption>` - used to insert captions.
- `<thead>` - adds a separate header to the table.
- `<tbody>` - shows the main body of the table.
- `<tfoot>` - creates a separate footer for the table.

HTML Table Syntax:

`<table>`

```

<tr>
  <td> cell 1 </td>
  <td> cell 2 </td>
  <td> cell 3 </td>
</tr>

```

```
<tr>
  <td> cell 4 </td>
  <td> cell 5 </td>
  <td> cell 6 </td>
```

```
</tr>
</table>
```

How to Add a Table Heading in HTML

The `<th>` is used to add headings to tables. In basic designs the table heading will always take the top row, meaning we will have the `<th>` declared in our first table row followed by the actual data in the table. By default the text passed in the headings is centered and bold.

An example with use of `<th>`.

```
<table>
  <tr>
    <th> First name </th>
    <th> Last name </th>
    <th> Email Address </th>
  </tr>
  <tr>
    <td> Hillary </td>
    <td> Nayakundi </td>
    <td> tables@Amail.com </td>
  </tr>
```


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</td>
</tr>

<td> Cary </td>.

<td> Mark </td>.

<td> developer@mail.com </td>.

</tr>

</table>.

FIRST NAME	LAST NAME	EMAIL ADDRESS.
Hillary	NYAKUNDI	tables@mail.com
Cary	Mark	developer@mail.com

PART 2

Ques: Write a Program to display count, from 5 to 15 using PHP Loop as given below:

Ans: The PHP for loop.

The for loop is used when you know in advance how many times the script should run.

Syntax

```
for (init Counter; test Counter;
    increment Counter) {
    Code to be executed for each
    iteration;
}
```

Parameters:

- init Counter: initialize the loop counter value.
- test Counter: Evaluated for each loop iteration. If it evaluates to True, the loop continues. If it evaluates to False, the loop ends.
- increment Counter: Increase the loop counter value.

5 to 15 USING PHP LOOPRules & Hint

- You can use "for" or "while" loop.

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- You Can use variable to initialize Count.
- You Can use `<br>` tag for line break.

"Hello PHP" using PHP Variable?

Conditions:

- If marks are 60% or more, grade will be first Division.
- If marks between 45% to 59%, grade will be Second Division.
- If marks between 33% to 44% grade will be Third Division.
- If marks are less than 33% Student will be fail.

using for loops:



Here is the code using a for loop: "PHP
<? PHP for (\$i = 5; \$i <= 15;
\$i++) { echo \$i. "
"; } ?> "

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Q.No.2: 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);
```

```
}
```

```
}
```

Output: value in centimeter is: 200845.70