

Q1. Write html and css for the following using div?

Solution:1 A <div> section in a document that is styled with CSS:

```
<html>
<head>
<style>
.myDiv {
  border: 5px outset red;
  background-colour: light blue;
  text-align: centre;
}
</style>
</head>
<body>

<div class="myDiv">
  <h2>This is a heading in a div element</h2>
  <p>This is some text in a div element.</p>
</div>

</body>
</html>
```

Definition and Usage

The **<div>** tag defines a division or a section in an HTML document.

The **<div>** tag is used as a container for HTML elements - which is then styled with CSS or manipulated with JavaScript.

The **<div>** tag is easily styled by using the class or id attribute.

Any sort of content can be put inside the **<div>** tag!

Q2. Write html for the following table

Solution2:

A simple HTML table:

```
<table>
<tr>
  <th>Company</th>
  <th>Contact</th>
  <th>Country</th>
</tr>
<tr>
  <td>Alfred Futterkiste</td>
  <td>Maria Anders</td>
  <td>Germany</td>
</tr>
<tr>
  <td>Centro commercial Montezuma</td>
  <td>Francisco Chang</td>
```

```
<td>Mexico</td>
</tr>
</table>
```

Table Cells

Each table cell is defined by a `<td>` and a `</td>` tag.

`td` stands for table data.

Everything between `<td>` and `</td>` are the content of the table cell.

Example

```
<table>
<tr>
  <td>Emil</td>
  <td>Tobias</td>
  <td>Linus</td>
</tr>
</table>
```

Table Rows

Each table row starts with a `<tr>` and ends with a `</tr>` tag.

`tr` stands for table row.

Example

```
<table>
<tr>
  <td>Emil</td>
  <td>Tobias</td>
  <td>Linus</td>
</tr>
<tr>
  <td>16</td>
  <td>14</td>
  <td>10</td>
</tr>
</table>
```

Table Headers

Sometimes you want your cells to be table header cells. In those cases use the `<th>` tag instead of the `<td>` tag:

`th` stands for table header.

Example

Let the first row be table header cells:

```
<table>
<tr>
  <th>Person 1</th>
  <th>Person 2</th>
  <th>Person 3</th>
</tr>
<tr>
  <td>Emil</td>
  <td>Tobias</td>
  <td>Linus</td>
</tr>
<tr>
  <td>16</td>
  <td>14</td>
  <td>10</td>
</tr>
</table>
```

HTML Table Tags

Tag	Description
<table>	Defines a table
<th>	Defines a header cell in a table
<tr>	Defines a row in a table
<td>	Defines a cell in a table
<caption>	Defines a table caption
<colgroup>	Specifies a group of one or more columns in a table for formatting
<col>	Specifies column properties for each column within a <colgroup> element

<code><thead></code>	Groups the header content in a table
<code><tbody></code>	Groups the body content in a table
<code><tfoot></code>	Groups the footer content in a table

Q3. Write a Program to display count, from 5 to 15 using PHP loop as given below.

Solution3:

Description:

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

Rules & 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++;
}
?>
```

Q4. Write a program in JavaScript for Unit Conversion from Kilometre (km) to Centimetre (cm). use of message box is necessary.

Solution 4:

```
1. // This is a Java program which converts the value of Kilometer into the value in cm
2. Import java.io.*;
3. class convert {
4.     static double Conversion_Kilometer_to_cm(int Kilometres)
5.     {
6.         double centimetre;
7.         centimetre = 100000 * Kilometre;
8.         System.out.printf("Value in Centimeter is: %.2f \n", centimeter);
9.         return 0;
10.    }
11.    public static void main(String args [])
12.    {
13.        int Kilometre = 2.008457;
14.        Conversion_Kilometer_to_cm(Kilometre);
15.    }
16. }
```

Output:

Value in Centimetre is: 200845.70



A large, 3D, green, blocky text graphic that reads "ASSIGNMENT". The letters are thick and have a slightly textured, mossy appearance. The text is slanted upwards from left to right. Below the text is a thin horizontal line.