

## **CCA-104: Web Technologies**

### **Assignment**

#### **Part 1**

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

Header		
Navigation	Content	Sidebar
Footer		

**Ans:-** Here is the HTML and CSS code for a basic layout using divs:

HTML:

```
<div class= "navigation">Navigation</div>
```

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

```
<div class= "content">Content</div>
```

```
<div class= "sidebar">Sidebar</div>
```

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

Css:

```
Navigation{
```

```
Background-color:#333
```

```
Color:#fff
```

```
Padding: 20px;
```

```
Text-align:center;
```

```
}
```

```
Header{
```

```
Background-color: #eee;
```

```
Padding: 20px;
```

```
Text-align:center;
```

```
}
```

```
Content{
```

```
Display:flex;
```

```
Flex-direction: row;
```

```
Justify-content: space-between;
```

```
}
```

```
Content>div{
```

```
Flex-basis:60%;
```

```
}
```

```
Sidebar{
```

```
Background-color: #ccc;
```

```
Padding:20px;
```

```
Width:30%;
```

```
}
```

```
Footer{
```

```
Background-color:#333;
```

```
Color:#fff;
Padding:20px;
Text-align:center;
Clear:both;
}
```

This code creates a basic layout with a navigation bar, header, content area, sidebar, and footer. The content area is divided into two sections using flexbox, you can adjust the styles as needed. Let me know if you'd like me to make any changes or additions!

Note: this is a basic example ,you can add more styles and elements according to your needs. Also this code doesn't include any responsiveness if you want to make it responsive, you need to add media queries.

## Q2. Write html for the following table

H1	H2	H3
C1	C2	
	C3	C4

**Ans:-** Here is the HTML code for the table :

```
<table>
<tr>
<th>Hi</th>
<td>C1</td>
<td>H2</td>
<td>C3</td>
<tr>
<td>H3</td>
<td>C4</td>
<td>C2</td>
</tr>
</table>
```

Let me know if you'd like me to add any specific features, such as:

- Borders
- Padding
- Alignment
- Background colors
- Header or footer rows
- Specific column or row spans

Just let me know , and I'll adjust the HTML code accordingly !

Note: the table has two rows and five columns. The first row has one header cell (Hi) and three data cells (C1, H2, C3). The second row has three data cells(H3, C4,C2). If you went to make any changes in the structure ,please let me know!

## **Part 2**

**Q3:- write a program to display count from 5to15 using PHP loop as given below.**

**Ans:-** Here is a simple PHP program that uses a for loop to display the count from 5to15:

```
<?php
For ($=5:$i<=15:$++){
Echo $i."\n";
}
?>
```

This program with output:

```
5
6
7
8
9
10
11
12
13
14
15
```

Let me know if you have any questions or if you'd like any variations on this program!

**Q4. Write a program in javascript for unit conversion from kilometer (km) to centimeter (cm). use of message box is necessary.**

**Ans:-** Here is a simple javascript program that converts (km) to (cm) and display the result in a message box:

```
//Function to convert km to cm
Function km to cm () [
//get user input (km)
Var km = prompt ("enter distance in (km):");
```

```
//convert km to cm (1km=100,000cm)
Ver cm=km*100000;
//display result in message box
Alert(km+km is equal in to +cm+"cm");
}
```

Call the function  
Km to cm();

When you run this program , it will:

1. Ask the user to enter a distance in (km) using the `prompt()` function .
2. Convert the input (km) to (cm) by multiplying it by 100,000 (since 1km=100,000cm).
3. Display the result in a message box using the `alert()` function.

Note : this program uses the `prompt ()` function to get user input and `alert()` to display the result . these functions create message boxes that pop up on the screen.