Assignment

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AC-1254

BSc (Hons) Computer Science

Q1: Design a web page with three sections: Menu, Content, and Footer (do not consider the positioning). In the Menu section put 2 things: A link to home page and a link to contact page. In content section: write a program to ask user to give value of n and print the table of n with proper variable representation. Also provide the sample output for this program. All the keywords used in program should be highlighted as yellow. In footer section put few things: date, course name, semester, college, student name, and teacher name. All the content of footer should be aligned to right.

CODE

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

    <head>
        <style>
            body {
                margin: 40px;
                background-color: #c5177d9c;
                color: rgb(37, 37, 9);
            }

            .menu {
                display: flex;
                justify-content: center;
                list-style: none;
                font-size: 200%;
```

```css
            background-color: #56F340;
        }

        .content {
            font-size: 150%;
            border: 2px solid greenyellow;
        }

        img {
            border: 4px solid greenyellow;
        }

        .footer {
            background-color: #B2F7A8;
            font-family: cursive;
            text-align: left;

        }

        .footer ul {
            margin-left: 1000PX;
            border: 6PX solid blue;

        }

        pre {
            background-color: cadetblue;
        }
    </style>

</head>


<body>
    <div>
        <ul class="menu">
            <li><a
href="./assingmentq1.html"><B>HOME</B></a></li>&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp
            <li><a href="./contact.html"><B>CONTACTS</B></a></li>
        </ul>
    </div>
```

```html
        <div class="content">
            <h4>Q.Wap to take a value of n from user and print the table of
n.</h4>
            <h2 style="text-align: center;">SOURCE CODE</h2>
            <pre>
        <b style="color: yellow;">import</b> java.util.Scanner;
        <b style="color: yellow;">class</b> table{

            <b style="color: yellow;">public static void </b> <b
style="color:red;">main</b>(<b style="color: yellow;">String</b> args[]){
                Scanner s = new Scanner(System.in);
                System.out.println("ENTER THE VALUE OF n WHOSE TABLE YOU WANT TO
PRINT\n");
                <b style="color: yellow;">int</b> n = s.nextInt();
                <b style="color: yellow;">for</b>(<b style="color:
yellow;">int</b> i=1;i<=10;i++){
                    System.out.println(n+" X "+i+" = "+n*i+ "\n");
                }
            }
        }
            </pre>
            <h3 style="text-align: center;">OUTPUT:</h3>
            <img src="output.png" width="800px" height="500px">
        </div>
        <div class="footer">
            <h2 style="text-align: center; color: blue;"><u>DETAILS</u></h2>
            <ul style="text-align: left;">
                <li>25-Nov-2021</li>
                <li>Bsc Hons. Computer Science</li>
                <li>3rd Semester</li>
                <li>Acharya Narendra Dev College</li>
                <li>Nishant Kumar Giri</li>
                <li>Ms. Nishu Singh</li>
            </ul>


        </div>
    </body>

</html>
```

OUTPUT

Q2: Provide the meta-Data for above page by giving author as your name and the page should refresh in every 10 seconds, and is searchable through keywords: div, html, menu.
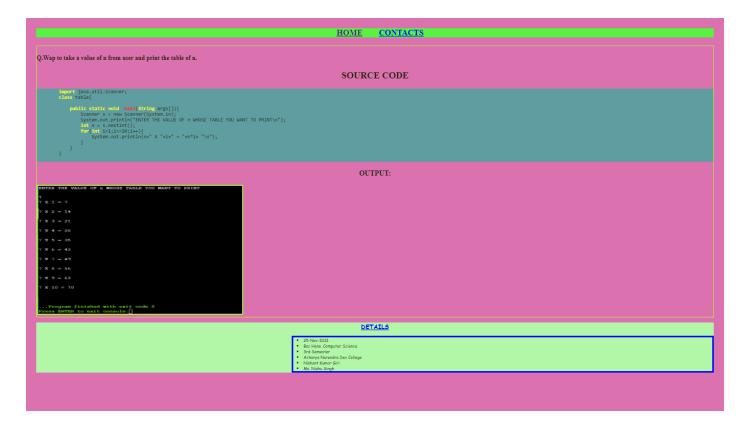
CODE

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

    <head>
        <style>
            body {
                margin: 40px;
                background-color: #c5177d9c;
                color: rgb(37, 37, 9);
            }

            .menu {
                display: flex;
```

```css
            justify-content: center;
            list-style: none;
            font-size: 200%;
            background-color: #56F340;
        }

        .content {
            font-size: 150%;
            border: 2px solid greenyellow;
        }

        img {
            border: 4px solid greenyellow;
        }

        .footer {
            background-color: #B2F7A8;
            font-family: cursive;
        }

        .footer ul {
            margin-left: 1000PX;
            border: 6PX solid blue;

        }

        pre {
            background-color: cadetblue;
        }
    </style>
    <meta name="keywords" content="div, html, menu">
    <meta name="Author" content="Nilesh Pandey">
    <meta http-equiv="refresh" content="10">
</head>

<body>
    <div>
        <ul class="menu">
            <li><a
href="./assingmentq2.html"><B>HOME</B></a></li>&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp
```

```html
                <li><a href="./contact.html"><B>CONTACTS</B></a></li>
            </ul>
        </div>
        <div class="content">
            <h4>Q.Wap to take a value of n from user and print the table of
n.</h4>
            <h2 style="text-align: center;">SOURCE CODE</h2>
            <pre>
        <code>
    <b style="color: yellow;">import</b> java.util.Scanner;<br>
    <b style="color: yellow;">class</b> table{<br>

        <b style="color: yellow;">public static void </b> <b
style="color:red;">main</b>(<b style="color: yellow;">String</b> args[]){<br>
            Scanner s = new Scanner(System.in);<br>
            System.out.println("ENTER THE VALUE OF n WHOSE TABLE YOU WANT TO
PRINT\n");<br>
            <b style="color: yellow;">int</b> n = s.nextInt();  <br>
            <b style="color: yellow;">for</b>(<b style="color:
yellow;">int</b> i=1;i<=10;i++){<br>
                System.out.println(n+" X "+i+" = "+n*i+ "\n");<br>
            }<br>

        }<br>
    }
        </code>
    </pre>
            <h3 style="text-align: center;">OUTPUT:</h3>
            <img src="output.png" width="800px" height="500px">
        </div>

        <div class="footer">
            <h2 style="text-align: center; color: blue;"><u>DETAILS</u></h2>
            <ul>
                <li>25-Nov-2021</li>
                <li>Bsc Hons. Computer Science</li>
                <li>3rd Semester</li>
                <li>Acharya Narendra Dev College</li>
                <li>Nishant Kumar Giri</li>
                <li>Ms. Nishu Singh</li>
            </ul>
```

```
        </div>
    </body>

</html>
```

OUTPUT

Q3. solve the following queries by designing cascading style sheets for the code above for separate web pages. a. Align the content1 and content2 in left. Align the header part in centre. Align the footer part in right. b. Put black border around the paragraphs of header and footers. Put blue border around paragraphs of content1 and content2. c. Put a border of colour green around the headings of whole page. d. All the paragraphs which are direct children of Divisions should appear in colour magenta. Further for content1 part the text size should be 12 and for content2 the text size should be 18.

CODE

```html
<HTML>
    <HEAD><TITLE> ASSIGNMENT QUESTION </TITLE>
    <style>
        #DIVHeader{
            text-align: center;
        }
        FOOTER P{
            border:2px solid black;
        }
        HEADER P{
            border:2px solid black;
        }
        #Content1{
            text-align: left;
            font-size: 12;
        }


        #Content2{
            text-align: left;
            font-size: 18;
        }
        #Content2 p{
            border: 2px solid blue;
        }
        #Content1 p{
            border: 2px solid blue;
        }
        #DIVFooter{
            text-align: right;
        }
        h1{
            border: 2px solid green;
        }
        p{
            color: magenta;
        }
    </style>
    </HEAD>
```

```
<BODY>
<DIV>


<DIV ID = "Content1">
<H1 ID = "HDIV1", CLASS = "DIV1">Content One </H1>
<P ID = "PDIV1", CLASS = "DIV1">This is Paragraph of contetent1.</P>
<a href  = "#"> A link for content1</a>
</DIV>
<DIV ID = "Content2">
<H1 ID = "H1DIV2", CLASS = "DIV2">Content Two </H1>
<P ID = "PDIV2", CLASS = "DIV2">This is Paragraph of contetent2. </P>
<a href  = "#">A link for content2</a>
</DIV>


<DIV ID = "DIVHeader">
<HEADER>
<H1 ID = "H1Header", CLASS = "Header"> Header </H1>
<P ID = "PHeader", CLASS = "Header"> This is header of the page. </P>
<a href  = "#"> A link in header </a>
</HEADER>
</DIV>
<DIV ID = "DIVFooter">


<FOOTER>
<H1 ID = "H1Footer", CLASS = "Footer"> Footer </H1>
<P ID = "PFooter", CLASS = "Footer"> This is Footer of the page. </P>
<a href = "#"> A link in Footer </a>
</FOOTER>
</DIV>
</DIV>


</BODY>
</HTML>
```

OUTPUT

Content One

This is Paragraph of contetent1.

A link for content1

Content Two

This is Paragraph of contetent2.

A link for content2

Header

This is header of the page.

A link in header

Footer

This is Footer of the page

A link in Footer