“MY CALCULATOR”

Mini-Project Report

Submitted By

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Experiment No.9

TITLE: Mini Project Using HTML, CSS and JavaScript Programming.

Objective:

To get the familiar with HTML and CSS used for mini project development.

Theory:

- HTML stand for hyper texts mark-up language. It is formatting language used to define the appearance and contents of a web page. It allows used to organize text, graphics and video on a web page.
- The word hyper texts refer to the text which act as a link. The word markup refers to the symbol are used to defined structure of the text the markup symbols tell browser how to display the text and are often called tags. The word language refers to the syntax that is similar to any other language. "HTML" is design to page development and program to learn "CSS" use to cascading sheets.
- HTML markup tags are used called HTML tags.
  - HTML tags are key word (Tag name) angle bracket lick <html>
  - HTML tag pairs like e.g., and
  - Start and End tags are also called opening tags and closing tag like this e.g. (<tag name> content </tag name>)
- CSS is acronym of cascading style sheets. It helps to define the presentation of HTML element as separate file known as CSS (.css extension).
- CSS to the change format of any HTML element. All the change made would be automatically to all of web pages of the web site in which that element appeared.
- The general from of CSS syntax is.
  - Selector is HTML element to which CSS rule is applied.
  - Property can take specified value.
  - Property and value are separated by colon (:)
  - Each declaration is separated by semi colon (;)

  e.g. {color: green; color: red}

Experiment No.9

PROGRAM:

```
<html>
<head>
        <title>My Calculator</title>

        <script>
                function insert(num)
                {
                        document.form.textview.value=document.form.textview.value+num;
                }
                function equal()
                {
              var exp=document.form.textview.value;
                        if(exp)
                        {

                        document.form.textview.value=eval(exp);
                }
           }
                function clean()
                {
                        document.form.textview.value="";
                }
                function back()
                {
                        var exp=document.form.textview.value;
```

```
            document.form.textview.value=exp.substring(0,exp.length-1);
        }
</script>

<style>
        .button{
            width: 50px;
            height: 50px;
            font-size: 25px;
            margin: 2px;
            cursor: pointer;
            background: #607d8b;
            border: none;
            color: white;
            border-radius: 10%;
        }
        .textview{
            width: 217px;
            margin: 5px;
            font-size: 25px;
            padding: 5px;
            border: none;
            color: black;
            border-radius: 10px;

        }
        .main{
```

```
                position: absolute;
                top: 50%;
                left: 50%;
                transform: translateX(-50%) translateY(-50%);
            }
            .bg{
                background:linear-gradient(to right,#e91e63,#3f51b5);
                height: 100%;
            }
        </style>
</head>

<body>
        <div class="bg"> </div>
            <div class="main">
            <form name="form">
            <h1><i><u>My Mini Calculator </u></i></h1>

        <input class="textview" name="textview">
        <table>

        <tr>
            <td><input class="button" type="button" value="C" onclick="clean()"></td>
            <td><input class="button" type="button" value="<" onclick="back()"></td>
            <td><input class="button" type="button" value="/" onclick="insert('/')"></td>
            <td><input class="button" type="button" value="x" onclick="insert('*')"></td>
            </tr>
```

```
<tr>
<td><input class="button" type="button" value="7" onclick="insert(7)"></td>
<td><input class="button" type="button" value="8" onclick="insert(8)"></td>
<td><input class="button" type="button" value="9" onclick="insert(9)"></td>
<td><input class="button" type="button" value="-" onclick="insert('-')"></td>
</tr>

<tr>
<td><input class="button" type="button" value="4" onclick="insert(4)"></td>
<td><input class="button" type="button" value="5" onclick="insert(5)"></td>
<td><input class="button" type="button" value="6" onclick="insert(6)"></td>
<td><input class="button" type="button" value="+" onclick="insert('+')"></td>
</tr>

<tr>
<td><input class="button" type="button" value="1" onclick="insert(1)"></td>
<td><input class="button" type="button" value="2" onclick="insert(2)"></td>
<td><input class="button" type="button" value="3" onclick="insert(3)"></td>
<td rowspan="5"><input class="button" style="height:106" type="button"
value="=" onclick="equal()"></td>
</tr>

<tr>
<td colspan="2"><input class="button" style="width:106" type="button"
value="0" onclick="insert(0)"></td>
<td><input class="button" type="button" value="." onclick="insert('.')"></td>
</tr>
```

```
        </table>
  </div>
  </form>
        </div>
</body>
</html>
```

Output: