LAB SESSION 3

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Sample Program:

```html
<html>
    <head>
        <script>
            function dis(val)
            {
                document.getElementById("result").value+=val
            }
            function solve()
            {
                let x = document.getElementById("result").value
                let y = eval(x)
                document.getElementById("result").value = y
            }
            function clr()
            {
                document.getElementById("result").value = ""
            }
        </script>
        <!-- for styling -->
        <style>
            input[type="button"]
            {
            background-color:white;
            color: black;
            border: solid black 1px;
            width:100%;
            border-radius: 50%;
            }
            input[type="text"]
            {
            background-color:white;
            border: solid black 1px;
            width:100%;
            padding:10px
```

```html
        }
        input[type="button"]:hover
        {
            background-color:red;
        }
        table{
            border-collapse: collapse;
            border:1px;
        }
        table tr{
            height: 30px;
        }
    </style>
</head>
<!-- create table -->
<body>
    <table border='2'>
        <tr>
            <td colspan="4"><input type="text" height="100px"
id="result"/></td>
            <!-- clr() function will call clr to clear all value -->

        </tr>
        <tr>
            <!-- create button and assign value to each button -->
            <!-- dis("1") will call function dis to display value -->
            <td><input type="button" value="1" onclick="dis('1')"/> </td>
            <td><input type="button" value="2" onclick="dis('2')"/> </td>
            <td><input type="button" value="3" onclick="dis('3')"/> </td>
            <td><input type="button" value="/" onclick="dis('/')"/> </td>
        </tr>
        <tr>
            <td><input type="button" value="4" onclick="dis('4')"/> </td>
            <td><input type="button" value="5" onclick="dis('5')"/> </td>
            <td><input type="button" value="6" onclick="dis('6')"/> </td>
            <td><input type="button" value="-" onclick="dis('-')"/> </td>
        </tr>
        <tr>
            <td><input type="button" value="7" onclick="dis('7')"/> </td>
            <td><input type="button" value="8" onclick="dis('8')"/> </td>
```
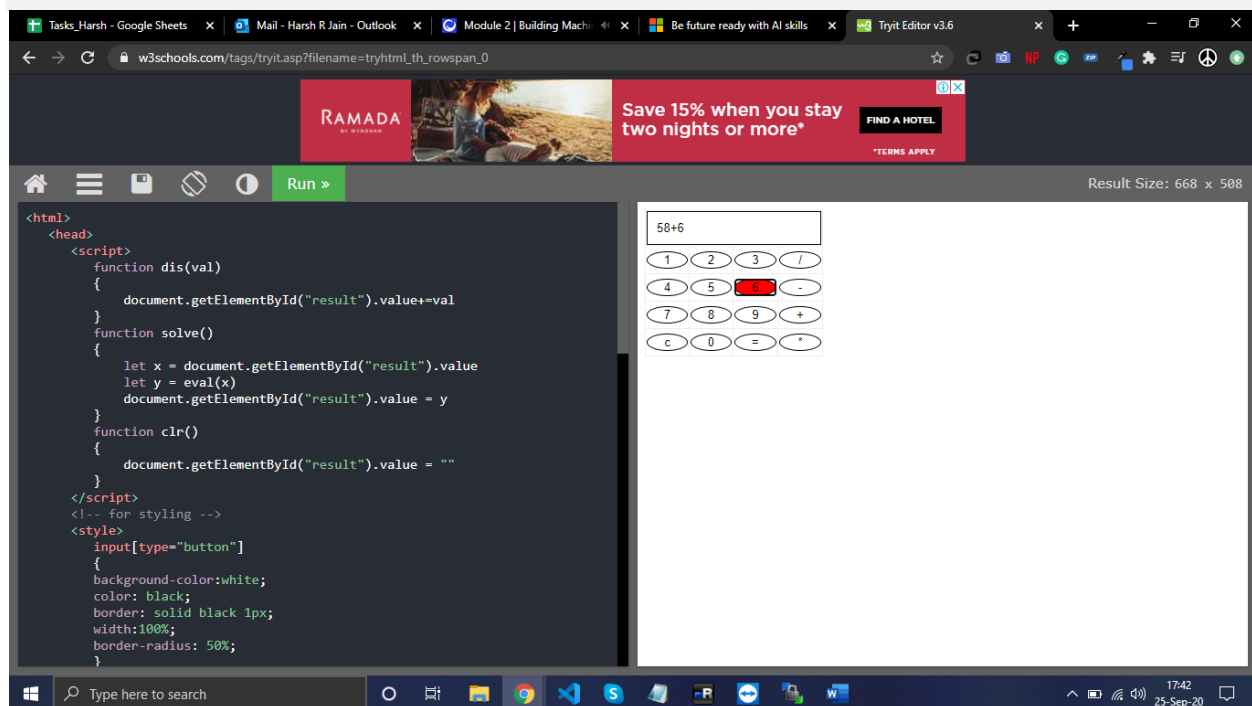
```html
        <td><input type="button" value="9" onclick="dis('9')"/> </td>
        <td><input type="button" value="+" onclick="dis('+')"/> </td>
    </tr>
    <tr>
        <td><input type="button" value="c" onclick="clr()"/> </td>
        <td><input type="button" value="0" onclick="dis('0')"/> </td>
        <td><input type="button" value="=" onclick="solve()"/> </td>
        <td><input type="button" value="*" onclick="dis('*')"/> </td>
    </tr>
</table>
</body>
</html>
```


Program 1:

```html
<!DOCTYPE
HTML> <html>
<head>
<style>
table, td, th
{
border: 1px solid black;
width: 33%;
text-align: center;
```

```html
background-color: DarkGray;
border-collapse:collapse;
}
table { margin: auto; }
input { text-align:right; }
</style>
<script type="text/javascript">
function calc(clicked_id)
{
Var val1 =
parseFloat(document.getElementById("value1").value);
var val2 =
parseFloat(document.getElementById("value2").value);
if(isNaN(val1)||isNaN(val2))
alert("ENTER VALID NUMBER");
else if(clicked_id=="add")
document.getElementById("answer").value=val1+val
2;
else if(clicked_id=="sub")
document.getElementById("answer").value=val1-
val2;
else if(clicked_id=="mul")
document.getElementById("answer").value=val1*val2;
else if(clicked_id=="div")
document.getElementById("answer").value=val1/val2;
}
function cls()
{
value1.value="0";
value2.value="0";
answer.value="";
}
</script>
</head>
<body>
<table>
<tr><th colspan="4"> SIMPLE CALCULATOR </th></tr>
<tr><td>value1</td><td><input type="text" id="value1"
value="0"/></td> <td>value2</td><td><input type="text" id="value2"
value="0"/> </td></tr> <tr><td><input type="button" value="Addition"
```

```html
id = "add" onclick="calc(this.id)"/></td>
<td><input type="button" value="Subtraction" id = "sub"
onclick="calc(this.id)"/></td>
<td><input type="button" value="Multiplication" id = "mul"
```

```html
onclick="calc(this.id)"/></td>
<td><input type="button" value="Division" id ="div"
onclick="calc(this.id)"/></td></tr>
<tr><td>Answer:</td><td> <input type="text" id="answer" value=""
disabled/></td>
<td colspan="2"><input type="button" value="CLEAR ALL"
onclick="cls()"/></td> </tr>
</table>
</body>
</html>
```