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LABprograms

1a) Write a Javascript to design a simple calculator to perform the following operations: sum, product, difference and quotient.

```
<!Doctype>
<html>
<head>
    <link rel="stylesheet" href="sty.css"/>
</head>
<center>
<body>
    <form name="calculator">
        <table border="3">
    <tr><td colspan="4"><input name="display" id="display"
                                readonly>
                                < /td></td>

    <tr>
    <td><input type="button" value="1" onclick="calculator.
                                display.value
                                =1"/>
                                <td>

    <td> <input type="button" value="2" onclick="calculator.
                                display.value+="2"
                                /<td>

    <td> <input type="button" value="3" onclick="calculator
                                . display.value
                                + ="3"/>
                                </td>
```

```html
<td><input type = "button" value = "+" onclick = "calculator.
                                        display.value
                                        = +""></td>

<tr>

<td><input type = "button" value = "4" onclick = "
                                Calculator.display
                                .value += '4'">
                                                </td>

<td><input type = "button" value ="5'
                                Onclick = "calculator.
                                        display.
                                        value +='5'">
                                                </td>

<td> <input type = "button" value = "6" onclick
                                = "calculator.display.
                                            value
                                            += '6'>
                                            </td>.

<td><input type = "button" value = "-" onclick =
                                " calculator.display
                                            .value
                                            += '-">
                                            </td>

</tr>
<tr>

<td><input type = "button" value= "7" onclick = " calculator.
                                    display.value
                                    + = '7'"></td>

<td><input type= "button" value="8" onclick = "calculator
                                    . display.value
                                    += '9'"></td>

<td><input type = "button" value ="9" onclick = " calculator.display
                                    .value += '9'"></td>
```

```html
<td><input type = "button "value= "*" onclick="
                        calculator.display.
                        value += "*"/>
                                    </td>
</tr>
<tr>
<td><input type = "button" value="." onclick="calculator.
                        display.value
                        += 1. ")
                                    </td>
<td><input type = "button" value="0" onclick=" calculator.
                        display.value
                        += '0'")>
                                    </td>
<td><input type = 'button" value = 1
        onclick = "calculator.display.value = eval(calculator.
                        display.value)"
                                    ></td>
<td><input type ="button ' value=")" onclick=
                        " calculator.display.
                        value += ')"/>
                                    </td>
</tr>
<tr>
    <td><input type= "button" value = "c" onclick=
                        "calculator.
                        display.value
                        = ""/>
    <td><input type ="button" value = "%" onclick
                        = "calculator.display.
                        value += "%"
                        >
                                    </td>
</tr>
```

③

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

(b) Write a Javascript that calculates the squares and cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting values in an HTML table format.

```
<html>
<head>
<script>
 document. write ('<h1 align = "right"> Squares and
                              cubes from 0 to 10 </h1>)

 document. write ('<center><table width ="30%" border "1"
                                        bgcolor ="white"
                                        >');

 document. write ('<tr><th> Number </th> <th>square</th>
                                        <th>Cube</th>
                                        </tr>"

 for (var n=0; n<=10; n++)
 {
   document. write ("<tr><td>" +n + "</td><td>'+ n*n+ "</td>
                                        <td>'+
                       n*n*n + "</td></tr>")
 }
 document. write ("</table>");
</script>
</head>
</html>
```

(4)