


```

        width: 192px;
    }
</style>
</head>
<body>

<h1>CALCULATOR</h1>
<div id="calculator">
    <div id="result" style="height: 50px; background-color: cornflowerblue;">
    </div><br>
    <span class="key op">sq.</span>
    <span class="key op">sqrt.</span>
    <span class="key op">%</span>
    <span class="key op">+</span><br>
    <span class="key">7</span>
    <span class="key">8</span>
    <span class="key">9</span>
    <span class="key op">-</span><br>
    <span class="key">4</span>
    <span class="key">5</span>
    <span class="key">6</span>
    <span class="key op">*</span><br>
    <span class="key">1</span>
    <span class="key">2</span>
    <span class="key">3</span>
    <span class="key op">/</span><br>
    <span class="key">0</span>
    <span class="key">.</span>
    <span class="key op">Clr</span>
    <span class="key op">C/Off</span><br>
    <span class="dummy"></span>
    <span class="key op">N</span>
    <span class="key eq">=</span>
    </div>
</div>
</body>

<script src='https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/jquery.min.js'
type='text/javascript'></script>

<script type="text/javascript">
    $(document).ready(function(){
        var displayValue = '0';
        $('#result').text(displayValue);

        $('.key').each(function(index, key){
            $(this).click(function(e){
                if(displayValue == '0') displayValue = '';
                if($(this).text() == 'Clr')

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        {
            displayValue = '0';
            $('#result').text(displayValue);
        }else if($(this).text() == 'C/OFF'){
            if(document.getElementById('result').innerHTML=='Invalid Input!'){
                displayValue='0'
                $('#result').text(displayValue);
            }else{
                displayValue =
document.getElementById('result').innerHTML.substring(0,
document.getElementById('result').innerHTML.length - 1);
                $('#result').text(displayValue);
            }

        }else if($(this).text()=='N'){
            displayValue = '-1*' + displayValue;
            displayValue = eval(displayValue);
            $('#result').text(displayValue);
        }
        else if($(this).text() == '=')
        {
            try
            {
                // displayValue.replace(/([\d\.]+(,\s*[\d\.]+))/g, "[$1]")
                // displayValue = displayValue.replace(/([\d\.]+([\d\.]+))/g,
"($1)");

                console.log(displayValue);
                if(displayValue.includes('sq.')){
                    displayValue = displayValue.replace('sq.', '');
                    displayValue+='**2';
                }else if(displayValue.includes('sqrt.')){
                    displayValue = displayValue.replace('sqrt.', '');
                    displayValue+='**0.5';
                }
                displayValue = displayValue.replace('%', '/100 ');
                displayValue = eval(displayValue);
                $('#result').text(displayValue);
            }
            catch (e)
            {
                displayValue = '0';
                $('#result').text('Invalid Input!');
            }
        }
        else
        {
            displayValue += $(this).text();
            if($(this).text() == 'sqrt.'){

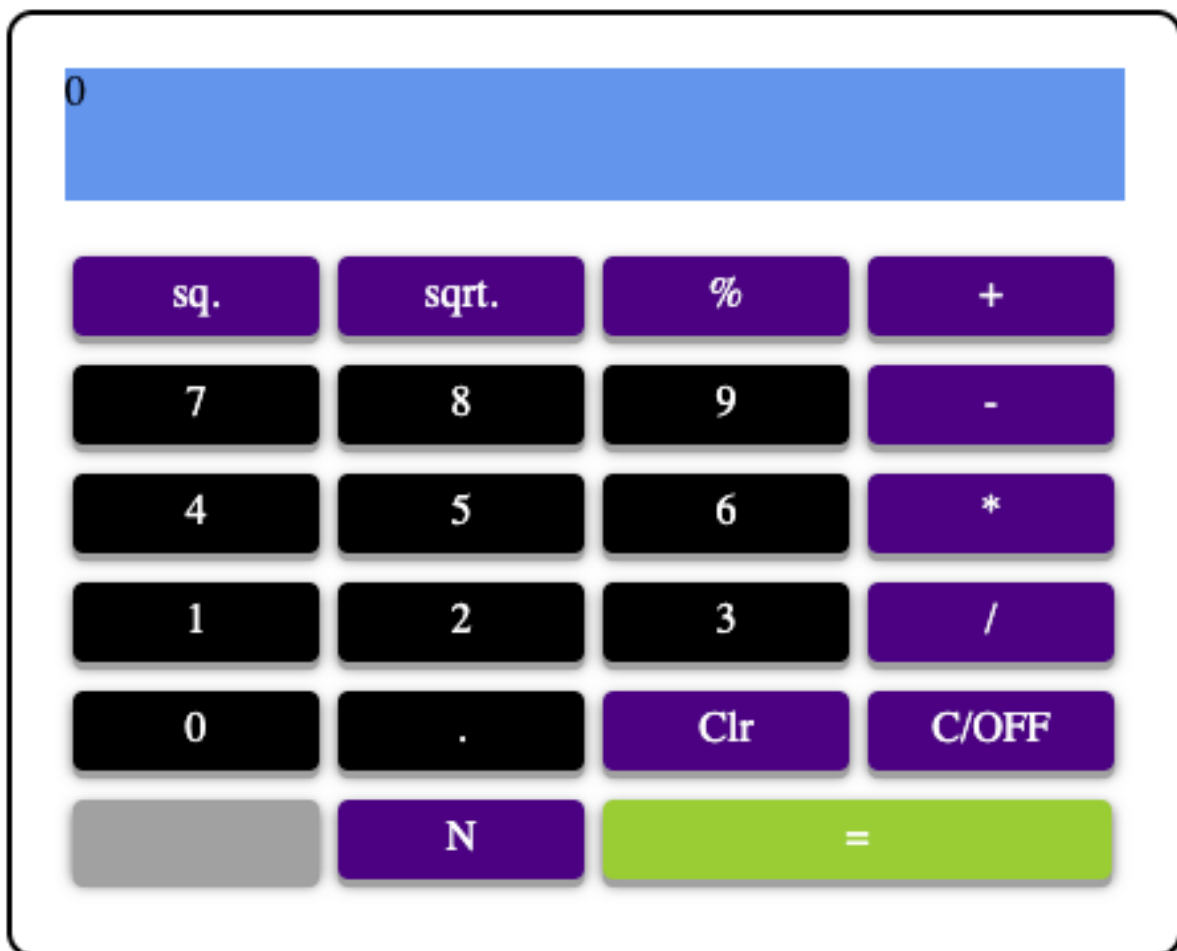
```

```

        displayValue+=' ';
    }
    $('#result').text(displayValue);
}
e.preventDefault()
})
})
})
</script>
</html>

```

Original



Input/output for $9+3-2*9/3$

9+3-2*9/3			
sq.	sqrt.	%	+
7	8	9	-
4	5	6	*
1	2	3	/
0	.	Clr	C/OFF
	N	=	

6			
sq.	sqrt.	%	+
7	8	9	-
4	5	6	*
1	2	3	/
0	.	Clr	C/OFF
	N	=	

Input/output for 80% of 200

80%*200

sq.	sqrt.	%	+
7	8	9	-
4	5	6	*
1	2	3	/
0	.	Clr	C/OFF
	N	=	

160

sq.	sqrt.	%	+
7	8	9	-
4	5	6	*
1	2	3	/
0	.	Clr	C/OFF
	N	=	

Input/Output for sqrt. 80

sqrt. 80

sq.	sqrt.	%	+
7	8	9	-
4	5	6	*
1	2	3	/
0	.	Clr	C/OFF
	N	=	

8.94427190999916

sq.	sqrt.	%	+
7	8	9	-
4	5	6	*
1	2	3	/
0	.	Clr	C/OFF
	N	=	

Input/Output for sq.12

sq.12

sq.	sqrt.	%	+
7	8	9	-
4	5	6	*
1	2	3	/
0	.	Clr	C/OFF
	N	=	

144

sq.	sqrt.	%	+
7	8	9	-
4	5	6	*
1	2	3	/
0	.	Clr	C/OFF
	N	=	