Design of a Standard Calculator

AIM:

To design a web application for a standard calculator.

DESIGN STEPS:

Step 1:

Clone the github repository and create Django admin interface.

Step 2:

Change settings.py file to allow request from all hosts.

Step 3:

Use CSS for creating attractive colors.

Step 4:

Write JavaScript program for implementing five different operations

Step 5:

Publish the website in the given URL.

PROGRAM :

```
<!DOCTYPE html>
<html>
        <head>
                <title>Online Calculator</title>
                <script>
                        function number(value){
                                document.form1.result.value += value;
                        }
                        function cle(value) {
                                document.form1.result.value=0;
                        }
                        function evalua() {
                                //var evalu=eval(document.form1.result.value);
                                document.form1.result.value=eval(document.form1.result.value);
                        }
                </script>
                <style>
```
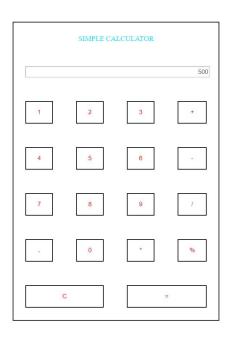
```html
			table{
				border: 2px solid black;
				width:30%;


			}

			td{
				padding: 25px;
				width:25px;

				height:125%;
				color: rgb(0, 234, 255);
			}
			button{
				width:100%;
				height: 50px;
				color:rgb(255, 0, 0);
		background-color: rgba(255, 255, 255, 0.486);

			}

			input{
				width:100%;
				height:20px;
				background-color:rgb(255, 255, 255);
			}

			button:hover{
				background-color:rgb(42, 65, 199);
				color:black;
				font-weight:bold;
			}
			table{
background-color: white;
			}
		</style>
	</head>
	<body>
		<form name="form1">
			<table align="center">
				<tr><td colspan="4" style="text-align:center">SIMPLE CALCULATOR</t
				<tr><td colspan="4">
					<input type="text" name="result" placeholder="0" disabled
					</td>
				</tr>
				<tr>
					<td><button type="button" onclick="number(value)" value="1
					<td><button type="button" onclick="number(value)" value="2
					<td><button type="button" onclick="number(value)" value="3
					<td><button type="button" onclick="number(value)" value="+
				</tr>
				<tr>
					<td><button type="button" onclick="number(value)" value="4
					<td><button type="button" onclick="number(value)" value="5
					<td><button type="button" onclick="number(value)" value="6
					<td><button type="button" onclick="number(value)" value="-
```

```
                    </tr>
                    <tr>
                            <td><button type="button" onclick="number(value)" value="7
                            <td><button type="button" onclick="number(value)" value="8
                            <td><button type="button" onclick="number(value)" value="9
                            <td><button type="button" onclick="number(value)" value="/
                    </tr>
                    <tr>

                            <td><button type="button" onclick="number(value)" value=".
                            <td><button type="button" onclick="number(value)" value="0
                            <td><button type="button" onclick="number(value)" value="*
                            <td><button type="button" onclick="number(value)" value="%
                    </tr>
                    <tr>

                            <td colspan="2"><button type="button" onclick="cle(value)"
                            <td colspan="2"><button type="button" onclick="evalua()" v
                    </tr>
            </table>
        </form>
        <p>Developed by R.Guruprasad<br>Reference no:22006697</p>
    </body>
</html>
```

OUTPUT:

SIMPLE CALCULATOR

Developed by R.Guruprasad
Reference no:22006697

Result:

The output for calculator is displayed successfully.