

3.HTML

A.Create a basic calculator using HTML, CSS, and JavaScript with the functionality of add, subtract, multiply and divide.

HTML:-

```
<!DOCTYPE html>

<html>

  <head>

    <title>Hello World!</title>

    <link rel="stylesheet" href="styles.css" />

  </head>

  <body>

    <div class="bg-container">

      <h1>User Friendly Calculator</h1>

      <div class="top">

        <input type="text" id="display" class="inputContent" placeholder="enter number" />

        <div>

          <input type="button" value="AC" onclick="clearDisplay()" class="Ac-container">

        </div>

      </div>

      <div class="botton-container">

        <div>

          <div class="container">

            <input type="button" value="7" onclick="appendToDisplay('7')" class="number-container">

            <input type="button" value="8" onclick="appendToDisplay('8')" class="number-container">

            <input type="button" value="9" onclick="appendToDisplay('9')" class="number-container">

          </div>

        </div>

      </div>

    </div>

  </body>

</html>
```

```
<div class="container">

  <input type="button" value="4" onclick="appendToDisplay('4')" class="number-container">

  <input type="button" value="5" onclick="appendToDisplay('5')" class="number-container">

  <input type="button" value="6" onclick="appendToDisplay('6')" class="number-container">

</div>

<div class="container">

  <input type="button" value="1" onclick="appendToDisplay('1')" class="number-container">

  <input type="button" value="2" onclick="appendToDisplay('2')" class="number-container">

  <input type="button" value="3" onclick="appendToDisplay('3')" class="number-container">

</div>

<div class="container">

  <input type="button" value="0" onclick="appendToDisplay('0')" class="number-container">

  <input type="button" value="." onclick="appendToDisplay('.')" class="number-container">

  <input type="button" value="=" onclick="calculate()" class="number-container">

</div>

</div>

<div class="symbol-container">

  <input type="button" value="+" onclick="appendToDisplay('+)" class="number-container">

  <input type="button" value="-" onclick="appendToDisplay('-)" class="number-container">

  <input type="button" value="*" onclick="appendToDisplay('*)" class="number-container">

  <input type="button" value="/" onclick="appendToDisplay('/)" class="number-container">

</div>

</div>

</div>

<script src="script.js"></script>
```

```
</body>
```

```
</html>
```

CSS:-

```
@import
```

```
url('https://fonts.googleapis.com/css2?family=Bree+Serif&family=Caveat:wght@400;700&family=Lobster&family=Monoton&family=Open+Sans:ital,wght@0,400;0,700;1,400;1,700&family=Playfair+Display+SC:ital,wght@0,400;0,700;1,700&family=Playfair+Display:ital,wght@0,400;0,700;1,700&family=Roboto:ital,wght@0,400;0,700;1,400;1,700&family=Source+Sans+Pro:ital,wght@0,400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700&display=swap');
```

```
.bg-container {
```

```
    height: 100%;
```

```
    width: 100%;
```

```
    background-size: cover;
```

```
}
```

```
.inputContent {
```

```
    width: 210px;
```

```
}
```

```
.top {
```

```
    display: flex;
```

```
    flex-direction: row;
```

```
}
```

```
.Ac-container {
```

```
    text-align: center;
```

```
    width: 73px;
```

```
    background-color: blue;
```

```
}
```

```
.number-container {  
    text-align: center;  
    width: 73px;  
    background-color: black;  
    color: white;  
    margin: 0px;  
}  
  
.container {  
    display: flex;  
}  
  
.botton-container {  
    display: flex;  
}  
  
.symbol-container {  
    text-align: center;  
    width: 73px;  
    background-color: pink;  
    color: white;  
    margin: 0px;  
}
```

Java Script:-

```
function appendToDisplay(value) {  
    document.getElementById("display").value += value;  
}  
  
function clearDisplay() {
```

```
document.getElementById("display").value = "";  
}  
function calculate() {  
    try {  
        document.getElementById("display").value = eval(document.getElementById("display").value);  
    } catch (error) {  
        document.getElementById("display").value = "Error";  
    }  
}
```

Output:-

