

LAB EXERCISE 9

1. Implement a calculator, which has,
 - buttons for digits 0-9 and basic arithmetic operations (+, -, *, /), including a text input for displaying values
 - JavaScript functions to handle button clicks and to calculate the result when the '=' button is pressed
 - Error-handling mechanisms that address division by zero
2. Customize the design using **Bootstrap**

Backgrounds

- Very dark desaturated blue (main background): hsl(222, 26%, 31%)
- Very dark desaturated blue (toggle background, keypad background): hsl(223, 31%, 20%)
- Very dark desaturated blue (screen background): hsl(224, 36%, 15%)

Keys

- Desaturated dark blue (key background): hsl(225, 21%, 49%)
- Desaturated dark blue (key shadow): hsl(224, 28%, 35%)
- Red (key background, toggle): hsl(6, 63%, 50%)
- Dark red (key shadow): hsl(6, 70%, 34%)
- Light grayish orange (key background): hsl(30, 25%, 89%)
- Grayish orange (key shadow): hsl(28, 16%, 65%)

Text

- Very dark grayish blue: hsl(221, 14%, 31%)
- White: hsl(0, 0%, 100%)

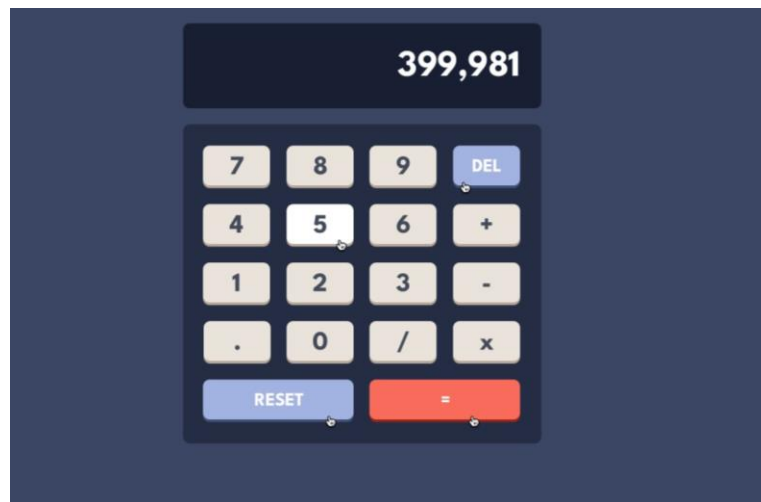


Figure 1 desktop design