

React Calculator



Project Brief

The aim of this project is to create a calculator using the React framework.

Your Project

The app should be created using React. The calculator should include the following functionality:

1. Buttons for the numbers 0-9
2. Buttons for the operations plus, minus divide and multiply.
3. A button for equals.
4. A sequence of numbers and operators should calculate and display a correct running total for the operators and numbers used. (e.g. $3 + 4$ should display 7)
5. The equals sign should finalise a calculation, when the next button is pressed a new operation is begun.
6. If the next button is an operator it will take the answer produced by equals as the first number.
7. If two or more operators are pressed in sequence only the last should be used.
8. Appropriately styled elements to create a positive user experience.
9. The reuse of components or generation of components programmatically where possible.

Deliverables

The address for the GitHub repository.

The address for the GitHub pages.

Extension

Add additional functionality to the calculator:

Add buttons and functionality for calculator memory functions (m+, m-, MC and MR)

Recreate the % functionality from a mobile phone calculator app.