Readme

Calculator

The calculator has two parts the

1. Keys part
2. Display part

So we have declared two divs one for each in HTML and declared variables for the keys and display in JS respectively.

When the user takes a calculator, the user can press

1. A number key (0-9)
2. An operator key (+,-,\*,/)
3. A decimal key
4. The equals key
5. The clear key

We have to listen to all the key presses and determine which key is being pressed. So we have added EventListeners to the keys.

We use the data-action attribute to determine the type of key that is clicked.

1. If the key does not have a data-action attribute, it must be a number key.
2. If the key has a data-action that is either add, subtract, multiply or divide, we know the key is an operator.
3. If the key’s data-action is decimal, we know the user clicked on the decimal key.
4. if the key’s data-action is clear, we know the user clicked on the clear (the one that says AC) key.
5. If the key’s data-action is calculate, we know the user clicked on the equals key.