Calculator

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Your task is to modify the JS file, so that the calculator works properly. Numbers can be added by clicking on them. Two numbers and an action must be selected then when “=” is clicked, the calculator needs to display the result.

There are some predefined properties you can use to aid you. **result\_field** selects the field for the result to be displayed on. **expression** will be the two numbers and the action together. For example – “2+4”. **firstDigit** is a boolean to help keep track if this is the first digit of the number. This could be used to avoid numbers starting with a zero. **actionChosen** is a boolean to help you keep track if an action has been selected.

Define the necessary functions. When a button is clicked a proper function should be called. Clicking on Clear needs to reset the calculator. That means to clear the result fields and set all the variables to their default values. When evaluating the expression, use the JavaScript function eval() (look up on the internet what it does).

These are some rules that you need to check. Number cannot start with a zero. Only one action can be chosen at a time. Results that are decimal (like 22 / 7 = 3.14….) need to be formatted to show only 6 digits after the dot. For example 10 / 3 needs to output 3.333333.

Good luck and if you have any uncertainties regarding the task, please ask me right away. Please upload the modified JS file before **28.02.18**.