Exercise – Calculator

**Requirements:**

* Implement calculator with operations +, -, /, \* that takes as arguments two values.
* All operations and results types should be exposed from Rest API.
* All calculations and result building is a part of the business logic it should be implemented on the server-side.
* Client-side should contain only presentation logic.
* Client-side should be implemented on the web, using AJAX.
* Server-side needs to contain Rest API for the propose of executing the business logic from the client-side.
* Many applications can work with the same Rest API

Operator

Drop Down

A

B

Calculate

=

Result



**Standards:**

* **Implement the exercise with adhering to OOP/OOD concepts.**
* **Implement application that will be closed for changes and open to extensions.**

**You should consider the following future extensions but you are NOT required to implement them:**

* + 1. Change the color of the result field by result type: even—green, odd—red. Different clients can request a different type of results for example
       1. Result with the number only.
       2. Result with number and color.
    2. Add additional operations
    3. Add additional arguments