Closure

Write a calculator which can perform the following operations:

1. Add;
2. Subtract;
3. Divide;
4. Multiply.

Calculator must store the current state – the result of previous operations. The initial value is 0.

Calculator must have a method to get a current state:

console.log(Calculator.getResult()) // 0

All the operations manage the current result:

Calculator.add(4)

Calculator.substract(1)

console.log(Calculator.getResult()) // 3

User must have a possibility to use the following technique:

Calculator.add(4)(1)

console.log(Calculator.getResult()) // 5

Calculator must have a method to reset the current state:

console.log(Calculator.reset()) // 0