

# Assignment 2

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## **Problem Statement:**

Building a web-based calculator similar to that of windows.

- Calculation done on the server side.

## **Features:**

The buttons should be web buttons.

Calculation should be done on the server side.

The difference between the C and CE buttons is ignored

Repeating pressing the = button does not issue new calculations

exceptions such as dividing by 0, by displaying an E are handled.

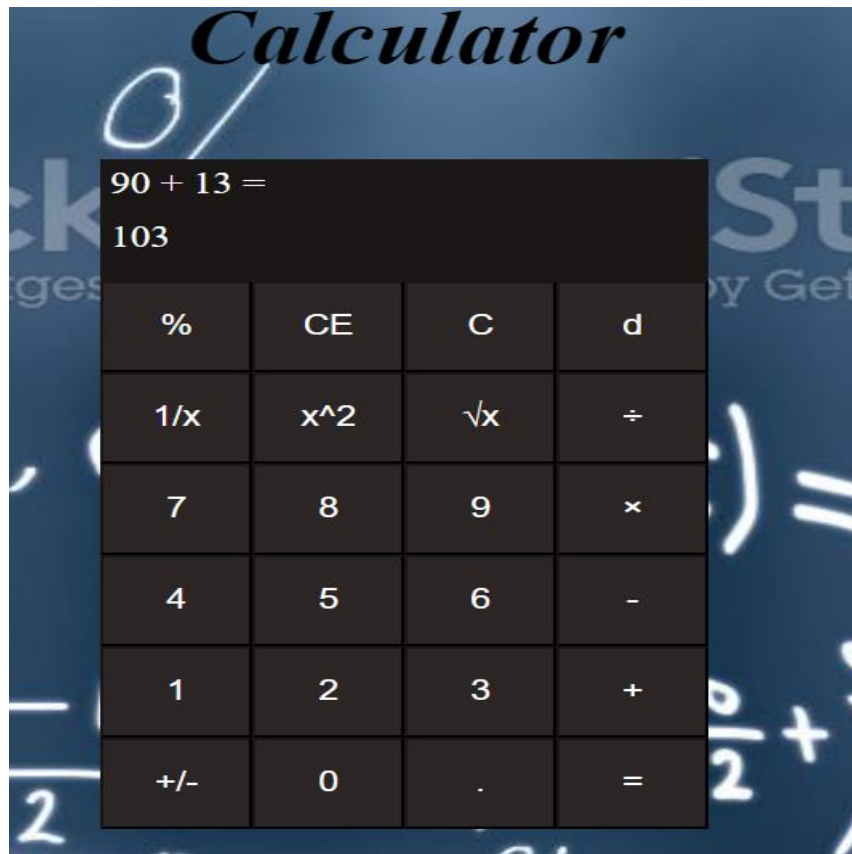
## **Tools Used:**

Angular for front end

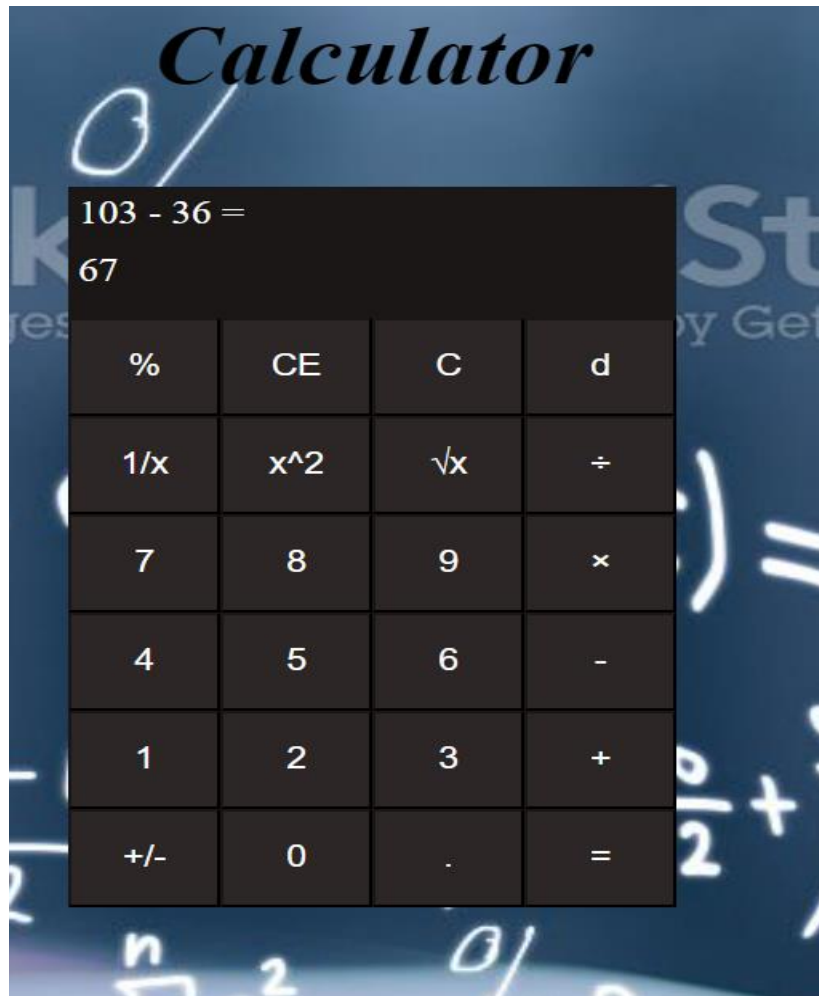
Spring boot for calculation on back end.

The Calculator is valid for any calculation required:

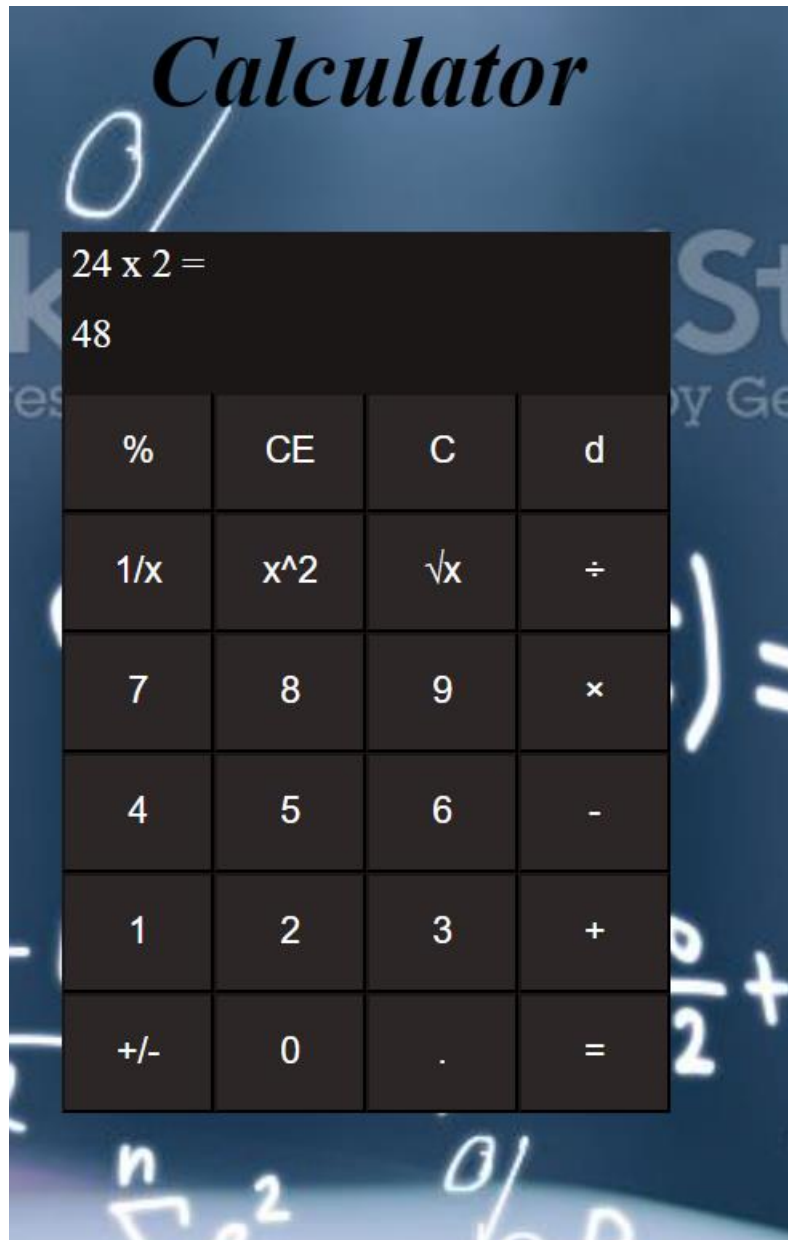
Add:



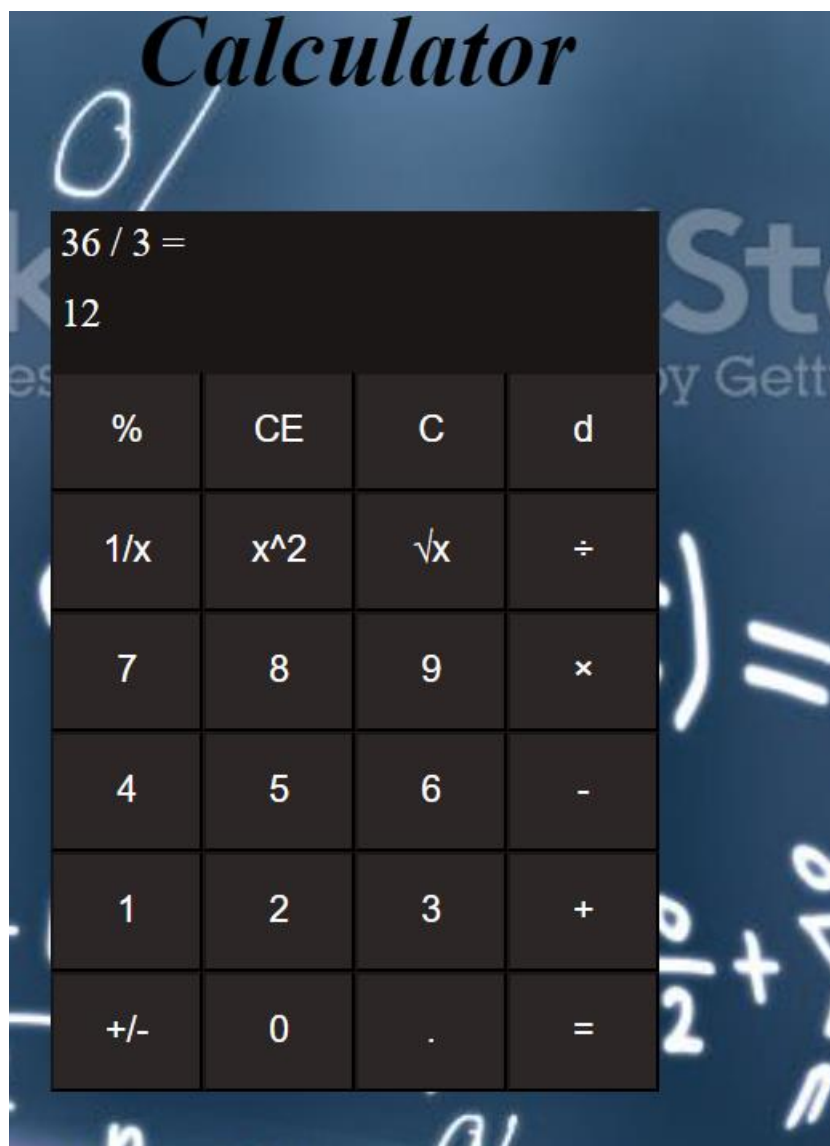
Subtract:



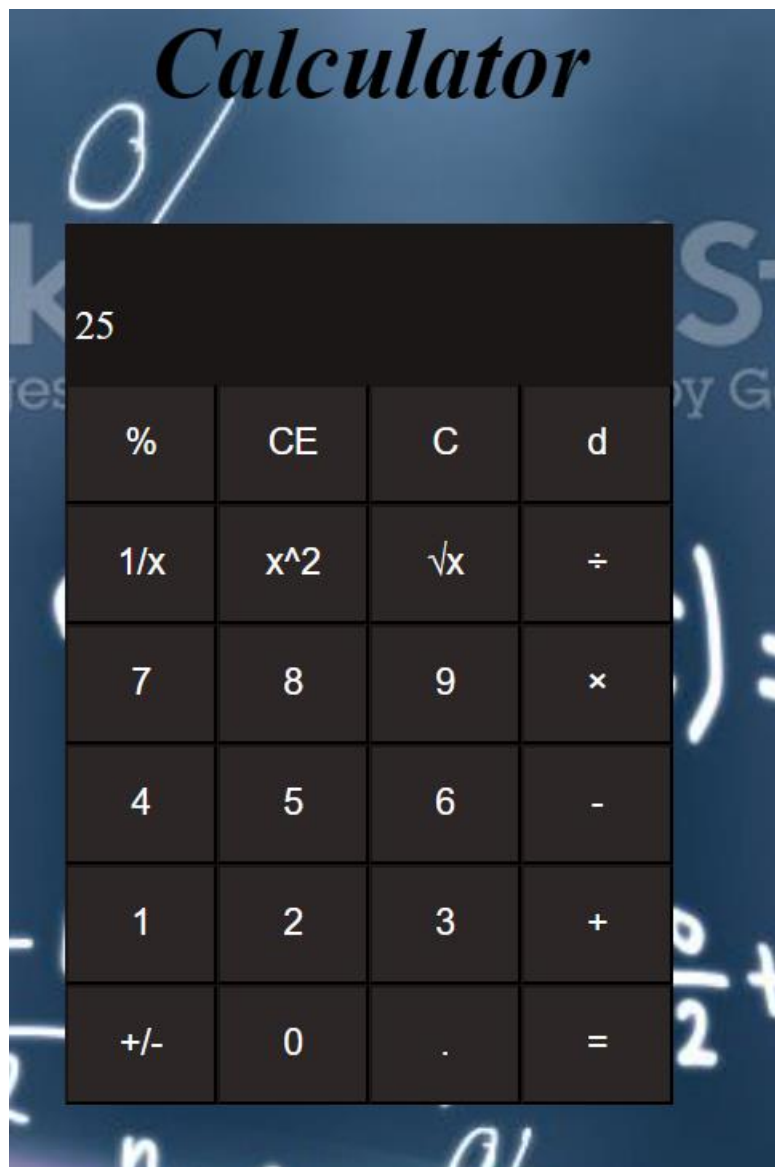
Mcaultiplition:



Division:



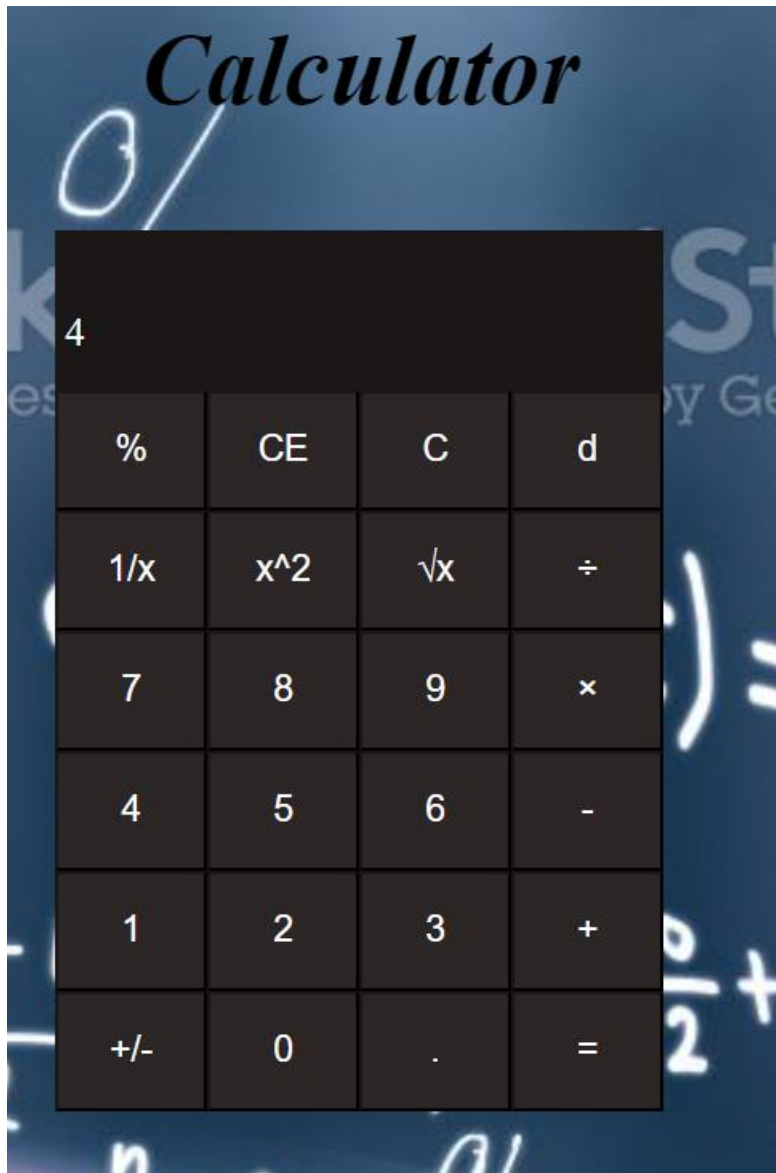
Square root:



# *Calculator*

5			
5			
%	CE	C	d
1/x	x^2	$\sqrt{x}$	$\div$
7	8	9	$\times$
4	5	6	-
1	2	3	+
+/-	0	.	=

Power 2:





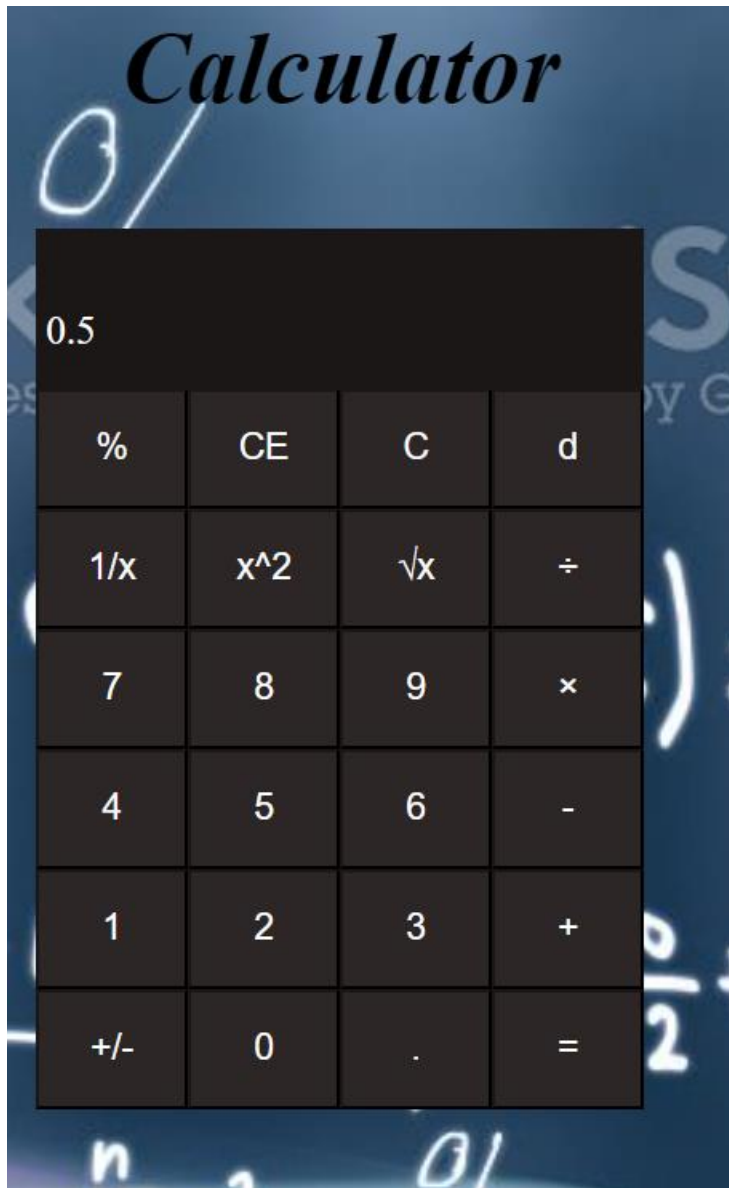
# Calculator

16

16

%	CE	C	d
1/x	x^2	√x	÷
7	8	9	×
4	5	6	-
1	2	3	+
+/-	0	.	=

multiplicative inverse:



2

2

%

CE

C

d

1/x

$x^2$

$\sqrt{x}$

$\div$

7

8

9

$\times$

4

5

6

-

1

2

3

+

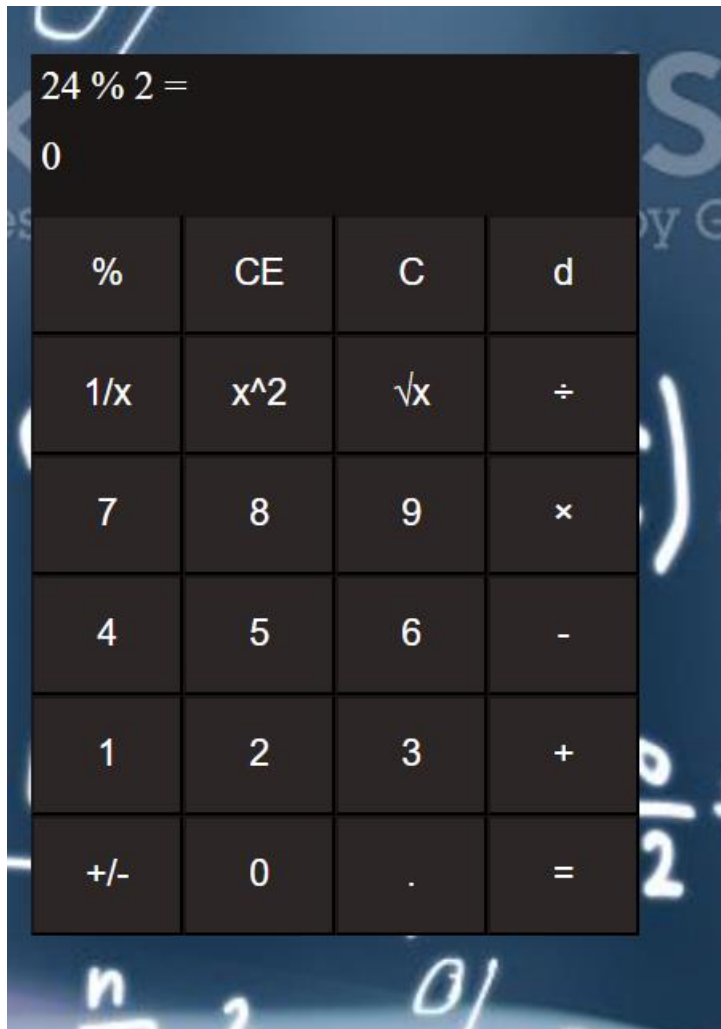
+/-

0

.

=

Module:



Additive inverse:

