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I confirm that my program attends the Lab’s requirements and is fully functional. Divide operations are made in the decimal format to throw the exception required, since double values will return an infinite symbol instead of throwing the exception. Each test is started either by initializing the calculator or right after pressing the Clear button.

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A computer screen capture

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Tests: screenshots show the result of the operation. Each element is a button pressed.

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Normal operations:

9, +, 1, = and 9, –, 1, =:

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9, \*, 2, = and 9, /, 2, =

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Results of a previous operation:

9, +, 1, =, -, 6, = and 9, \*, 2, =, /, 3, =:

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Clicking equals key right after an operation:

9, +, 1, =, = and 2, \*, 3, =, =:

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Square root, 1/X, changing signal, dot input:

3, 6, sqrt and 0, ., 5, ., ., 1/X

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1, 0, +/-, 1/X and 3, 6, +/-, sqrt:

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9, \*, 4, =, sqrt:

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Dividing by zero:

0, 1/X and 5, /, 0, =:

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