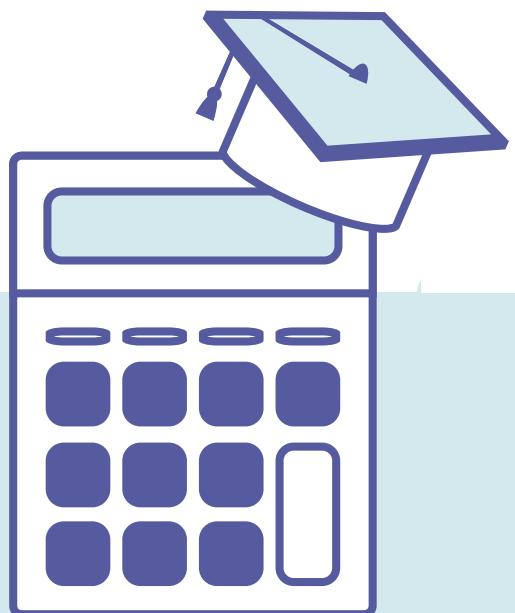


# UNI(X) CALC

## USER MANUAL

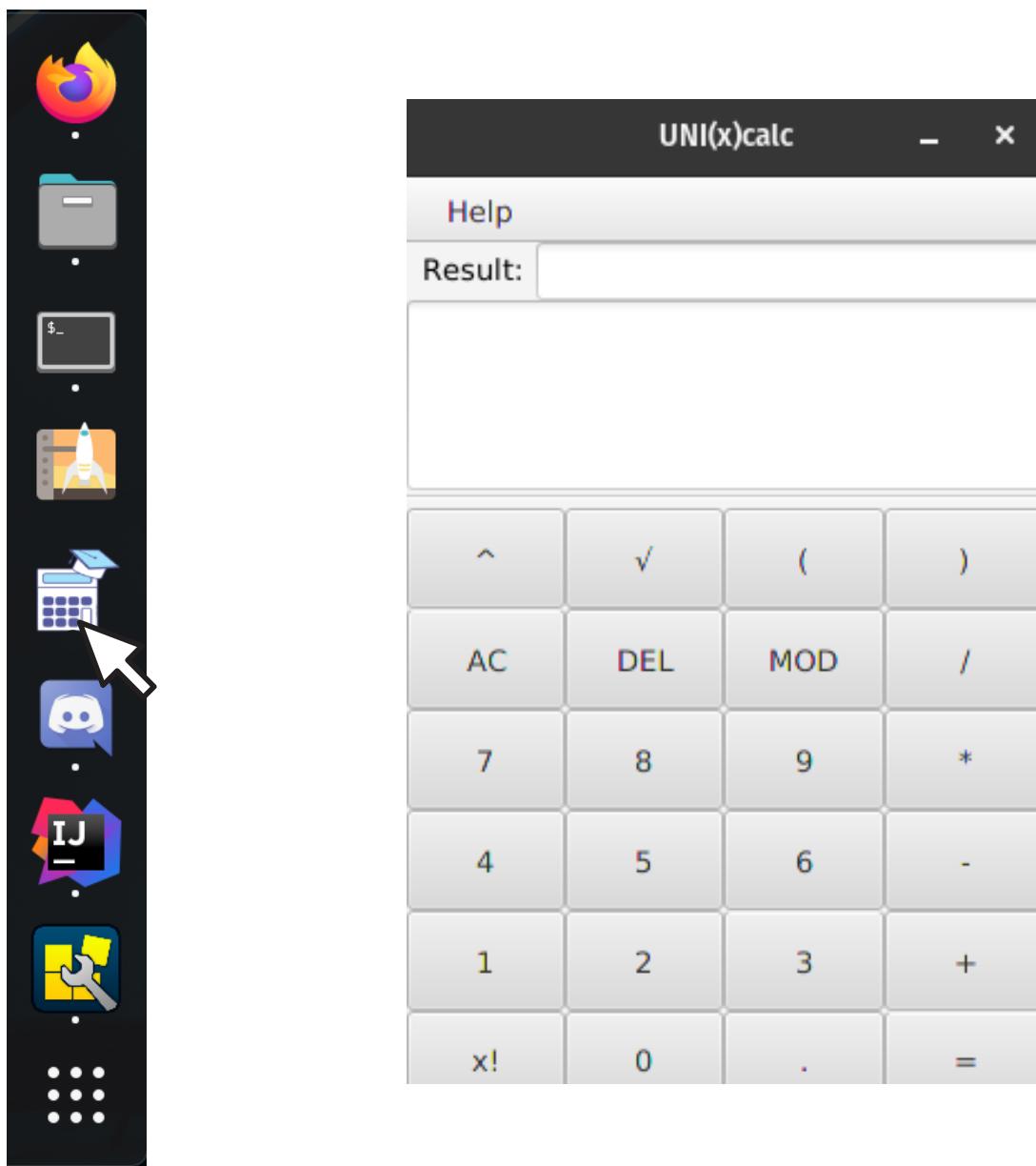


JIŘINA FRÝBORTOVÁ JANA KOVÁČIKOVÁ  
ALEXANDER OKRUCKÝ PATRIK SKALOŠ

0 1

## APPLICATION LAUNCH

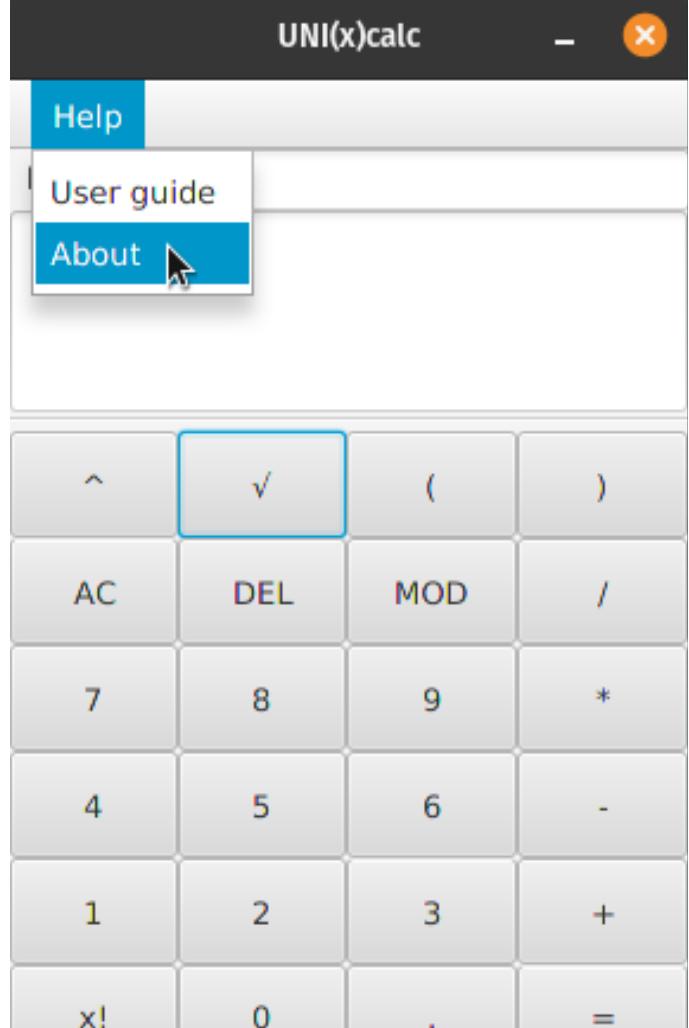
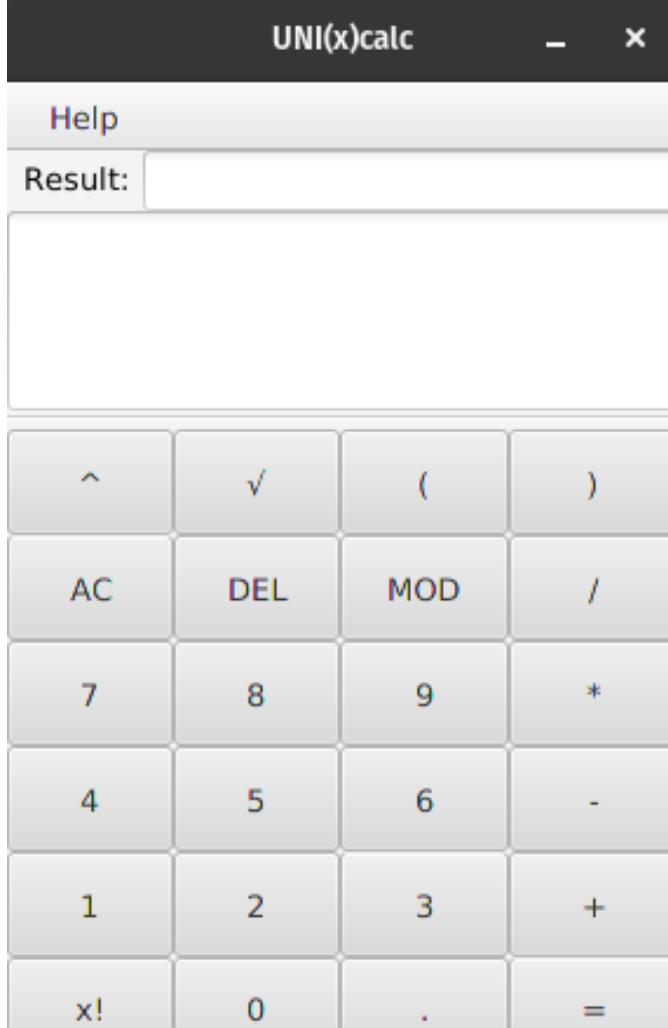
Calculator UNI(x)calc will be launched after clicking the button with the app icon. After launch, the main window of the app will be opened.



## 02

# APPLICATION CONTENT

The main window contains buttons for calculations, text field which can be used for typing and displaying the math problem. In the main window, the user can also find a help button that will show a hint when a user doesn't know how to use UNI(x)calc.



# 0 3

## HELP

After clicking the help button you can choose what you want - the user guide button will pop up the new window which contains details about how to use a calculator for example how to calculate square root. The second option is the About button which will show you information such as the logo of the calculator, name of a team, names of creators and licence.



Enter your input using your keyboard or the on-screen keyboard. Press Enter or the "=" button when you're done. The "AC" button clears the calculator. Press the "DEL" button or backspace to delete one character.

You can write  $x^n$  or  $\text{pow}(x, n)$  to find the nth power of x, or  $\text{root}(x, n)$  to find the nth root of x. Only a whole power or natural root can be calculated (for example NOT  $4^{0.5}$ ).

The symbol "%" (button "MOD") is used for modulo (remainder), not to be confused with percentage. Both decimal point and comma can be used on the input. Use parentheses, if necessary, for example " $a/(b+c)$ ".

### ADVANCED OPTIONS

You can use the symbol "|" for root, for example  $x|n$  is the nth root of x. When writing  $\text{pow}()$  or  $\text{root}()$ , you can write for example  $\text{pow}(4+5, 3)$ , but you can't use parentheses. However, when using "^" or "|", you can use parentheses to calculate a more complex expression, for example  $4|(4/(1+1))$ .

See the full user guide for more information.



## UNI(x)calc

My dve  
a my  
dvaja

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# 04

## ERROR WARNINGS

In case the user enters invalid input the calculator would show an error warning. Invalid inputs are for example two decimal points in one number, square root of 0, modulo with decimal point, or missing brackets.

UNI(x)calc -

Help

Result: Left and right parentheses don't

(5+6

UNI(x)calc -

Help

Result: The divisor in the modulo operat

6%3.33

UNI(x)calc -

Help

Result: The root index is zero.

root(2,0)

^	√	(	)
AC	DEL	MOD	/
7	8	9	*
4	5	6	-
1	2	3	+
x!	0	.	=

^	√	(	)
AC	DEL	MOD	/
7	8	9	*
4	5	6	-
1	2	3	+
x!	0	.	=

^	√	(	)
AC	DEL	MOD	/
7	8	9	*
4	5	6	-
1	2	3	+
x!	0	.	=

05

## INSTALLATION

06

## UNINSTALLATION