

# fooCalculator

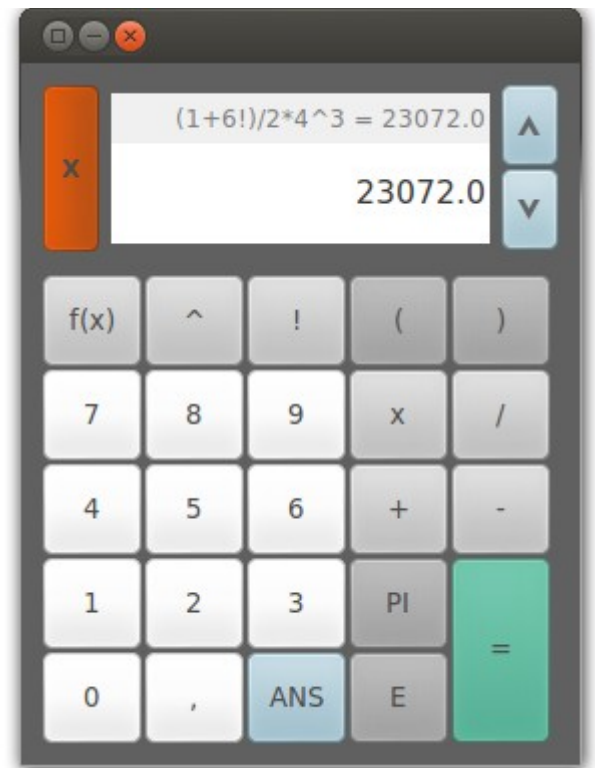
## DESCRIPTION

fooCalculator is standard calculator for basic needs.

## INSTALL

### **Unix-like systems**

1. Extract your **.zip/.tar.gz** archive  
`unzip fooCalculator.zip`  
`tar -zxvf fooCalculator.tar.gz`
2. Navigate to folder created from extracted package  
`cd fooCalculator`
3. Make application executable by  
`chmod +x fooCalculator.py`
4. And finally, execute it  
`./fooCalculator.py`



## FEATURES

- Classical mathematical functionality (Adding, subtracting, multiplying, dividing)
- Special mathematical constants ( $\Pi$  , Euler's number)
- Factional
- Exponentiation function
- Support of brackets
- Support for user-made functions (See also 'User-made functions and variables')
- Support for user-made variables (See also 'User-made functions and variables')

## USER-MADE FUNCTIONS AND VARIABLES

Program fooCalculator is capable creating user defined variable for value.

Example :

**"a = 25"**

→ We just assigned a value of 25 to the variable "a", which can be use for future reference

In addition to variables, it is also possible for user to define his/her own functions.

Example :

**"foo(bar) = bar\*25"**

**"foo(42)"**

**"1050"**

→ We have created a function named 'foo'. This function, has 1 own variable, called 'bar'. Then, we declare a formula, behind the function with '=' and expression. From now on, we can call the function with "foo(42)".

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## BUGS

Nothing found

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