User guide for calculator:

1. Basic information:

The application was created as a second project for Practical Aspects of Software Design course. The application is primary for unix-like systems.

2. Description:

It is an application for usual need, it has basic functions like add, subtract, multiple, divide and also a few advanced functions. e.g. exponentional functions, factorial. It supports computing with brackets.

3. How to install:

a. Manual:
  i. Extract downloaded archive:

```
unzip ivs-calc.zip
```

  ii. Redirect to extracted folder

```
cd ivs-calc
```

  iii. Redirect to folder for compile and run

```
cd CalcForANT
```

  iv. Compile program

```
ant compile
```

  v. Run program

```
ant run
```

b. Automatic:
  i. Extract downloaded archive:

```
unzip ivs-calc.zip
```

  ii. Redirect to extracted folder:

```
cd ivs-calc
```

  iii. Make installator executable:

```
chmod +x IVS Calculator-1.0-Linux-x86_64-Install
```
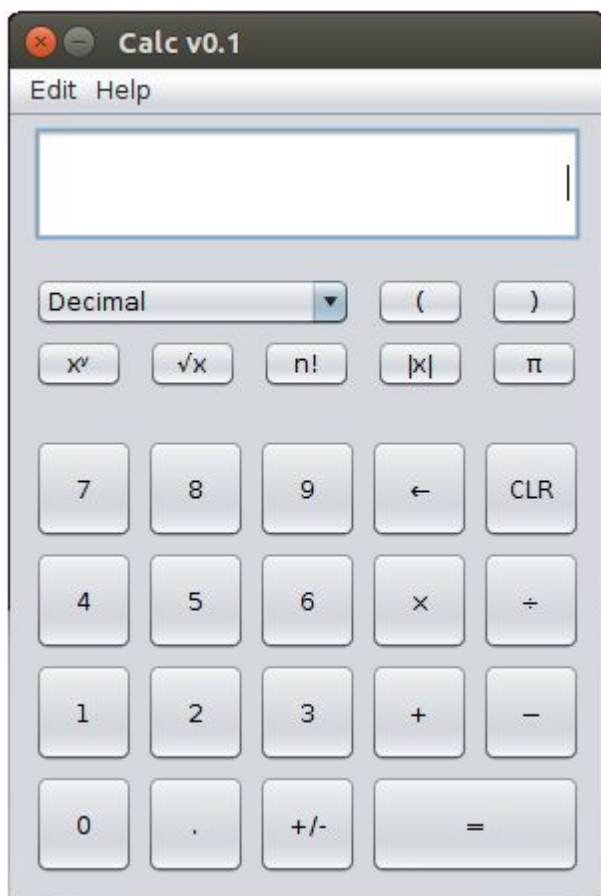
  iv. Run the installator:

```
./IVS Calculator-1.0-Linux-x86_64-Install
```

4. Functions and features:

Calculator is able to compute basic operations: adding, subtracting, multiplying, dividing and advanced operations: exponential function, extracting, factorial, absolute value of a number. Calculator is able to compute in more numeral systems. Supported systems are decimal, binary, octal and hexadecimal. There is also an option to compute with constant π. Calculator supports computing with brackets.

5. How to use:

You can enter your tasks through clicking on calculator buttons, or you can insert it using your keyboard. The result will show on the display after hitting enter or clicking "=" button. If you enter wrong data which has no result, calculator shows error table. If you want to compute in other numeral system, you have to turn roll option . Then calculator transforms and disables buttons which are not in choosen numeral system.

6. Bugs:

We haven't found any bugs in the application.

7. Authors:

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