BRNO UNIVERSITY OF TECHNOLOGY
Faculty of Information Technology

Practical Aspects of Software Design
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User's manual

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Contents

1 Introduction

Ivs-chicken-calc is a simple GUI application that implements basic mathematical functions along with some goniometric functions, which are described in section 2.3. You can simply install the ivs-chicken-calc directly from the command line.

1.1 Requirements

In order to install the application you will need:

- Ubuntu 64bit system
- an internet connection
- have at least 40 MB of free space
- be able to enter in to the sudo mode

1.2 Installation

Open terminal and type: git clone https://github.com/github/training-kit.git your-folder-name
Wait until cloning is done. Locate to folder where you have been cloning the repository. Open the folder. Locate installer folder and double-click it to open it.

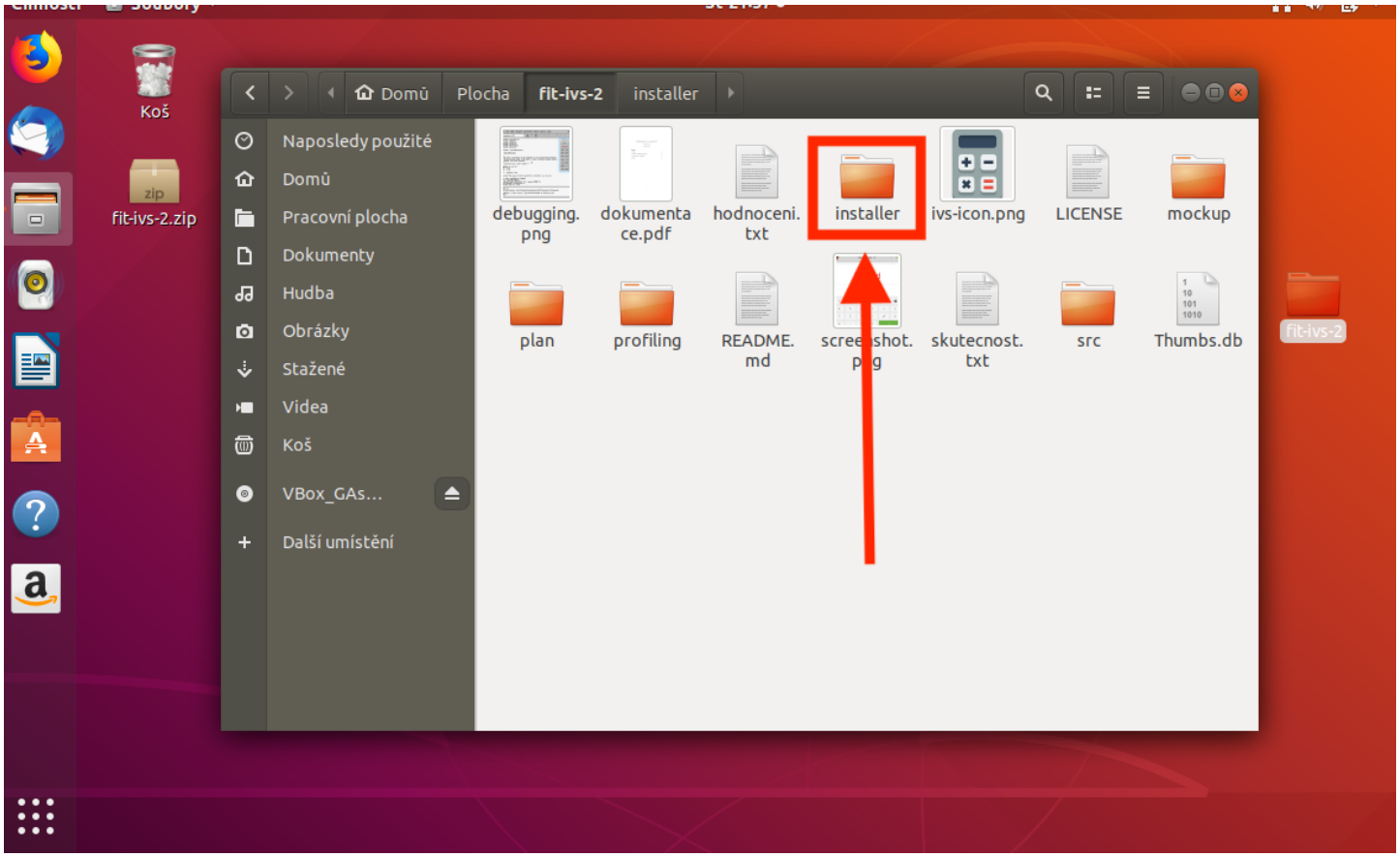

Figure 1: Double click on the installer folder

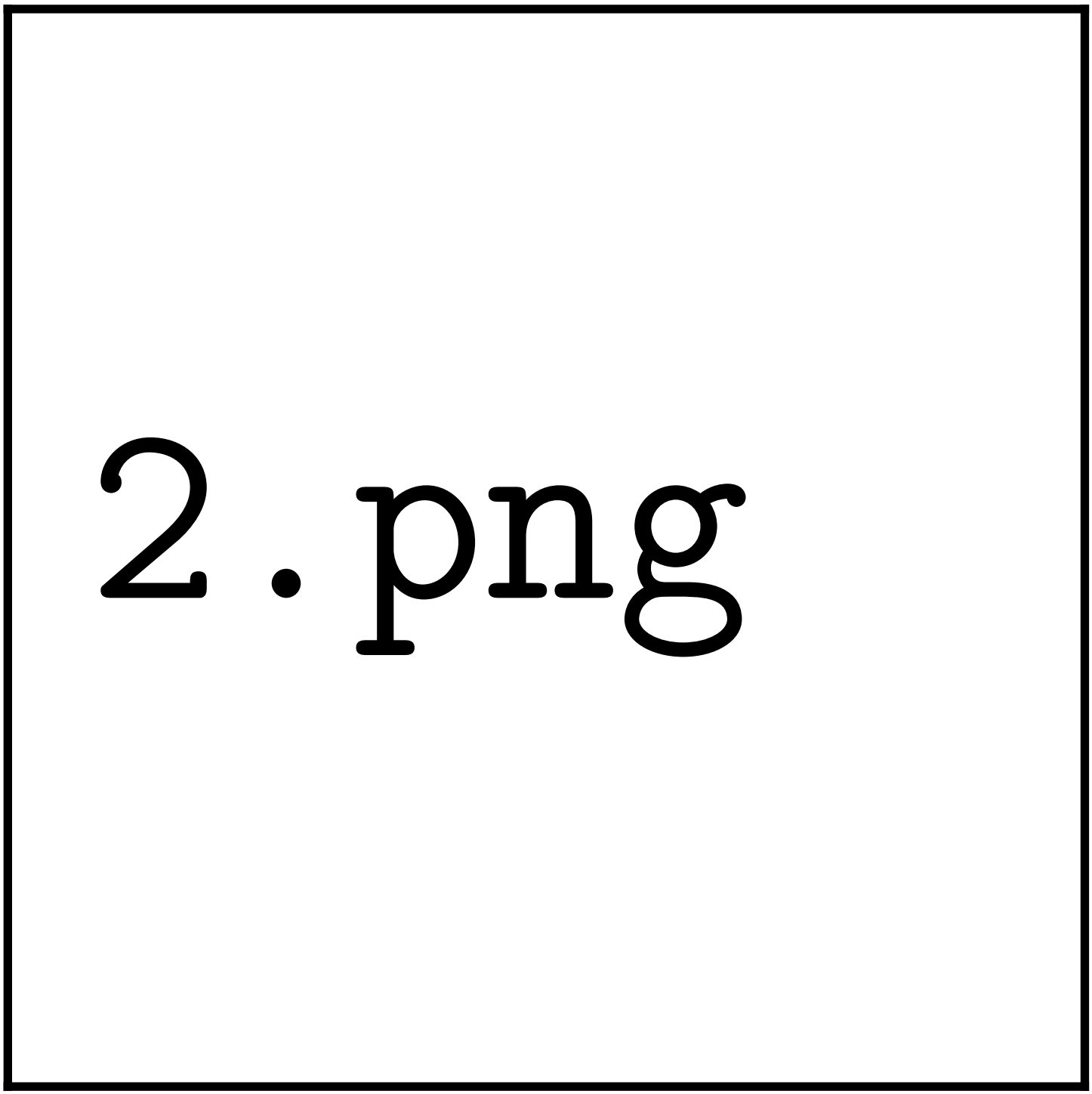

Figure 2: Right-click into the window, click on the open terminal option

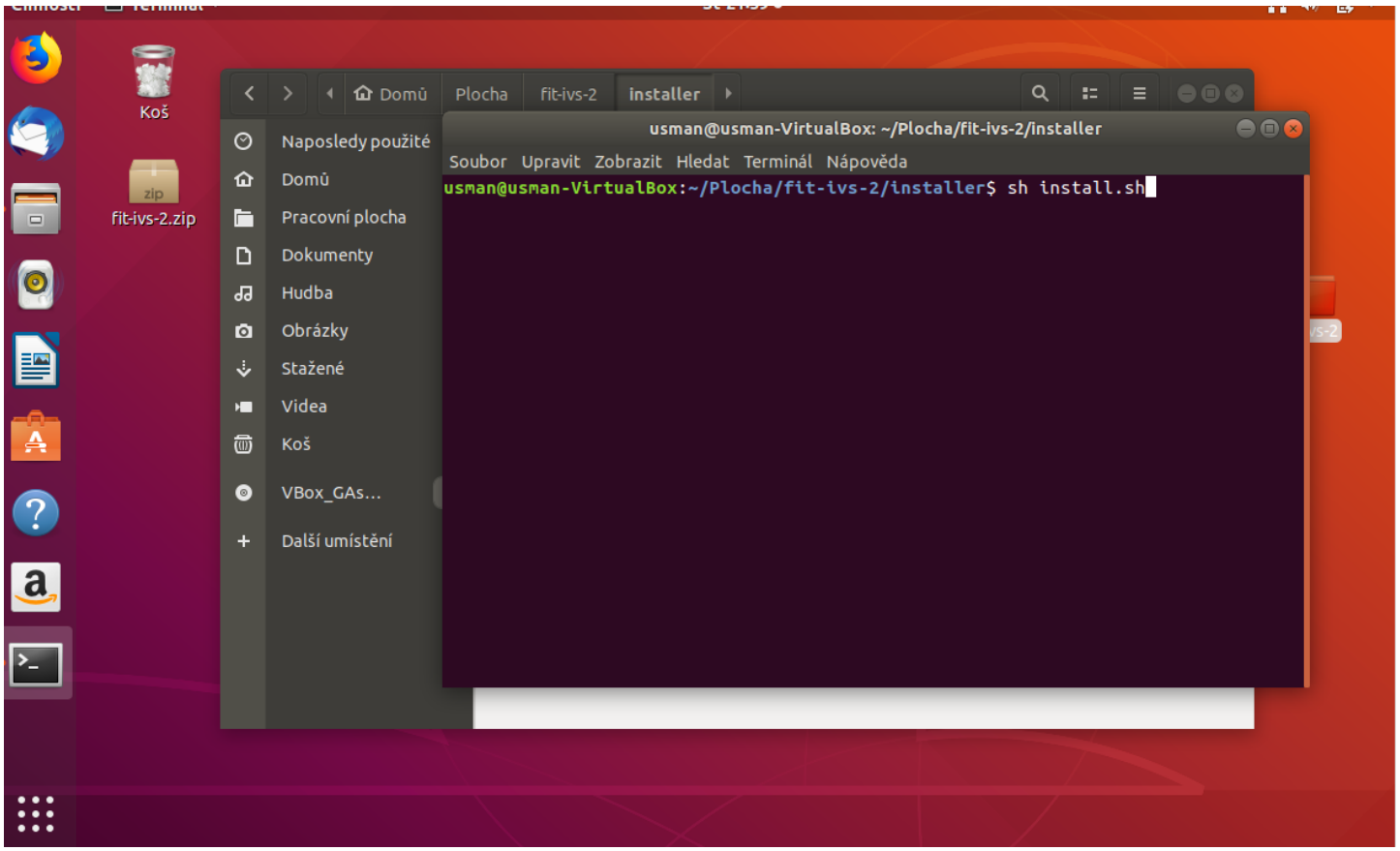

Figure 3: Type sh install.sh

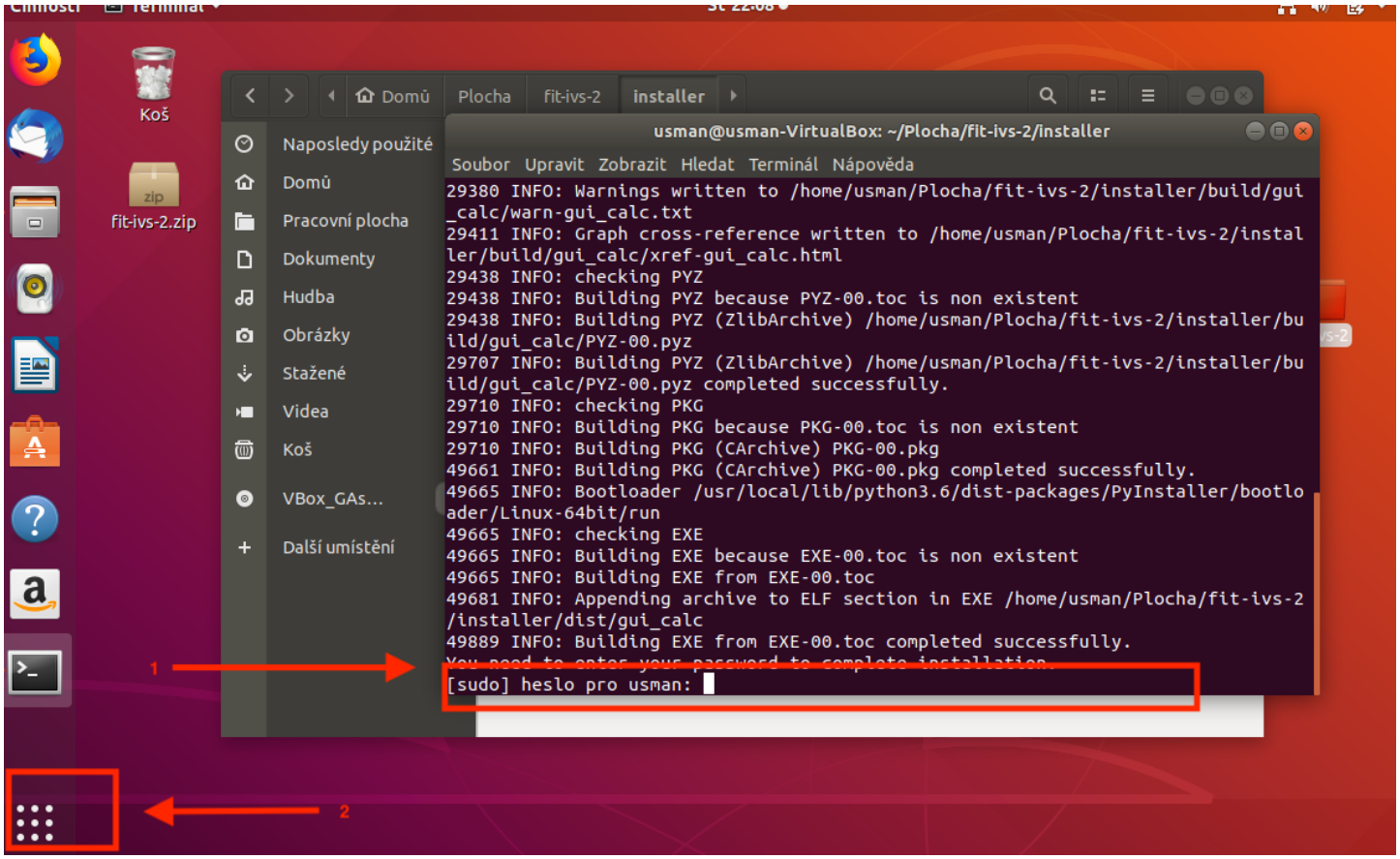

Figure 4: Enter password and open application explorer

1.3 Uninstallation

In order to uninstall the application, you need to open the installer folder and once again enter into the terminal.

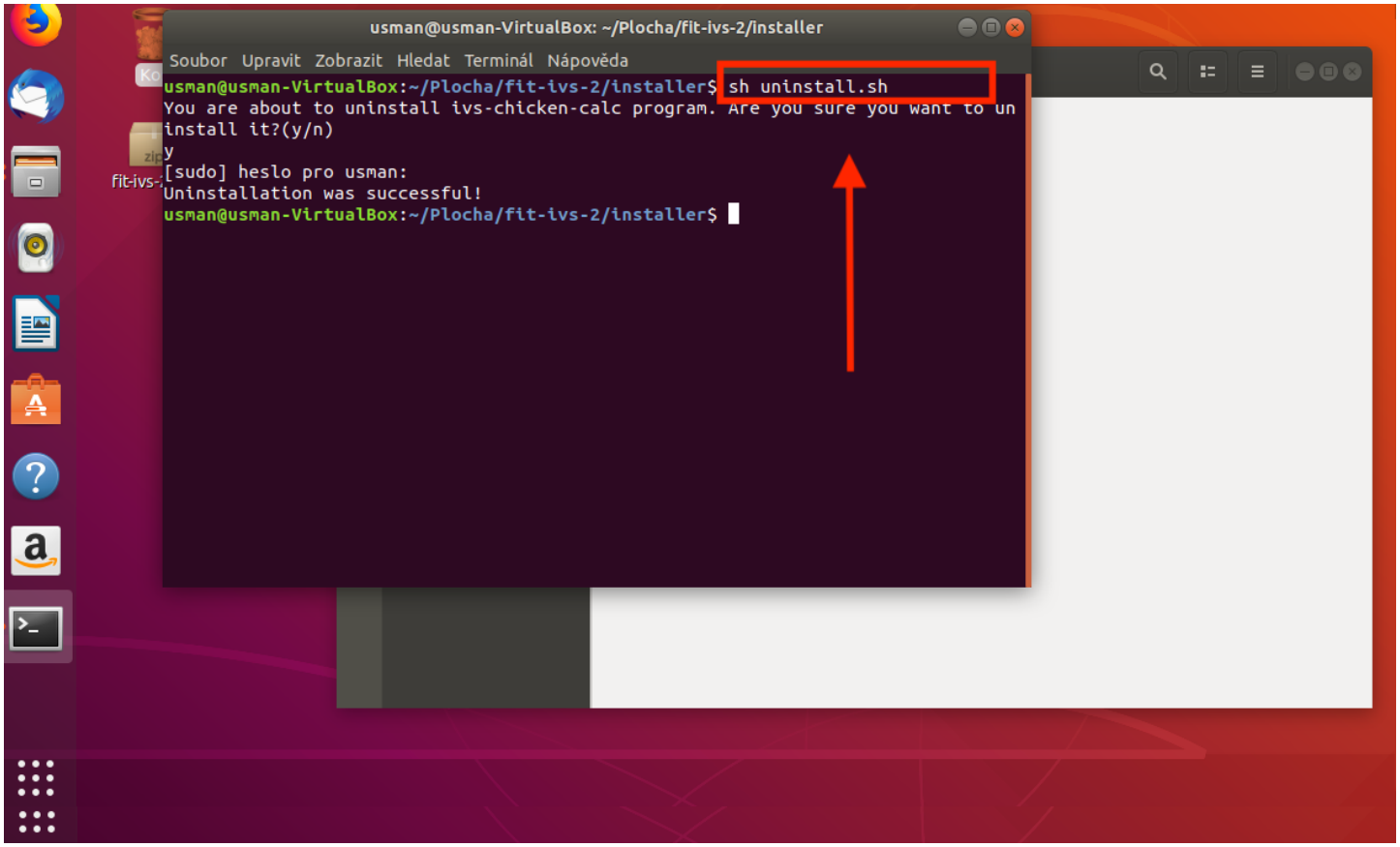

Figure 5: Type sh uninstall.sh

2 Usage

2.1 Run application

Type ivs-chicken-calc and double-click the application

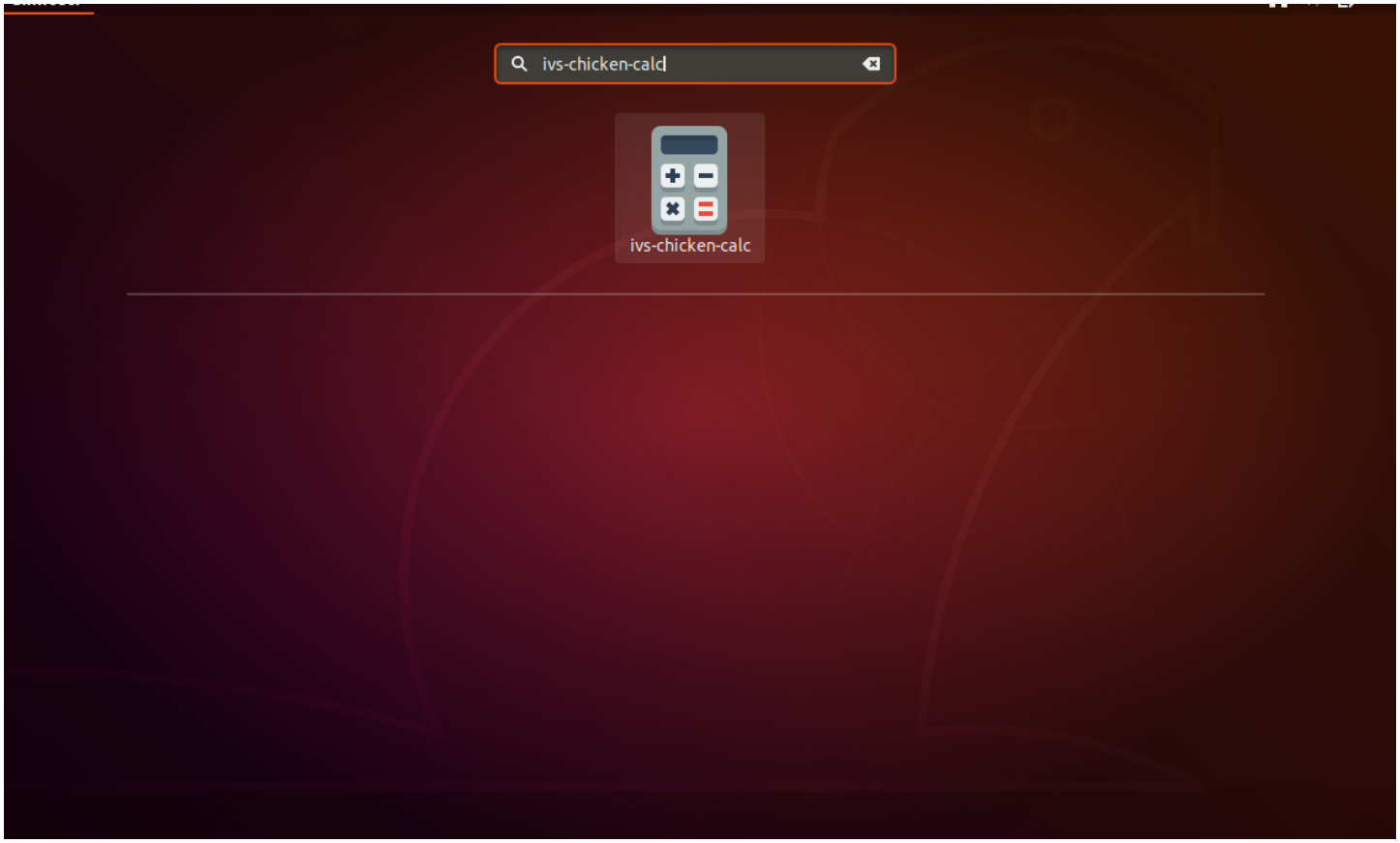

Figure 6: Click on ivs-chicken-icon

2.2 How to use application

You can input values into the calculator when you click on the numbers or on the function that you want to use, however right now you can not input numbers from your keyboard. Also, you can trigger only one action at the moment. Which means that usage format is following: ”number ” + ”function” + ”number”, which will produce the re

Figure 7: Ivs-chicken-calc app

2.3 Examples

Here you can find some common actions and their examples.

Operation	Symbol	Example
ADDITION	+	1 + 2
SUBTRACTION	–	3 - 2
MULTIPLICATION	×	5 * 5
DIVISION	÷	20 / 4
MODULO	%	4%3
SIGN	±	-4
FACTORIAL	n!	3!
PI	Π	3.14159
SINUS	sin	SIN(1)
COSINUS	cos	COS(0.2)
ACOS	acos	ACOS(0.67)
ASIN	asin	ASIN(0.5)
N-TH POWER	x^n	2^3
N-TH ROOT	$\sqrt[y]{x}$	$\sqrt{4}$