

User Manual : SumItUp

1. Introduction

The SumItUp is a graphical user interface (GUI) application. It is a simple arithmetic game where the user enters two operands and a result to check if the sum is correct. This user manual provides instructions on how to run and use the program effectively.

Welcome to SumItUp 2 , a simple application for children where they can practice their counting and adding skills !

2. Installation

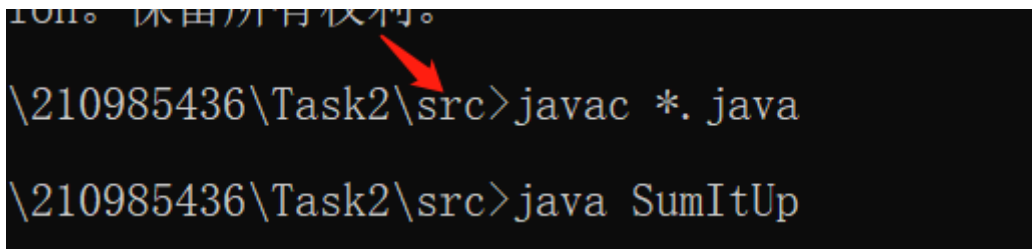
To install and run the Java Program, follow these steps:

- i. Download the program's installation package from the provided source.
- ii. Extract the downloaded package to a desired location on your computer.
- iii. Open a command prompt or terminal window.
- iv. Navigate to the directory where the program files are located using the `cd` command.
- v. Compile the Java file by executing the following command:

```
javac *.java
```

- vi. After successful compilation, run the program using the following command:

```
java SumItUp
```



3. Program Usage

Once the program is running, you will see a window titled "Welcome to SumItUp!" with a graphical interface for the game.

- i. The top section of the window displays the instruction "Enter two operands, result, and click on 'Check!'"
- ii. Below the instruction, you will find an image of a plus sign in the center of the window.
- iii. On the left and right sides of the plus sign, there are panels displaying images of rabbits. The number of rabbits on each side is randomly generated.
- iv. In the bottom section, there is a panel for input components and a "Check!" button.
- v. To play the game, follow these steps:

- a. Select a value from the left operand dropdown list. This represents the number of rabbits on the left side.
- b. Select a value from the right operand dropdown list. This represents the number of rabbits on the right side.
- c. Select a value from the result dropdown list. This represents the expected sum of the two operands.
- d. Click on the "Check!" button to check if your answer is correct.

vi. If your answer is correct and matches the randomly generated values for the left and right operands, a success message will be displayed in the top section, and you can play again by selecting new operands and clicking on "Check!".

vii. If your answer is incorrect, an error message will be displayed in the top section, and you can try again by selecting different operands and clicking on "Check!".

4. Exiting the Program

To exit the program, simply close the program window by clicking the close button (X) on the top right corner of the window or by using the appropriate system command for closing windows.

Note:

To run SumItUp, make sure your system meets the following requirements:

Java Development Kit (JDK) installed

Java Runtime Environment (JRE) installed

The Java Program requires Java Development Kit (JDK) installed on your computer to compile and run. Make sure you have JDK installed and configured properly before running the program.

Enjoy playing SumItUp!