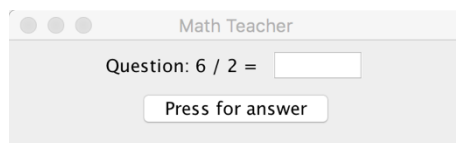# User Manual

Task1:

Compile "MathTeacher.java" in Task1 directory, Run "MathTeacher".

You will get a graphical interface which display a random arithmetic question (when doing division, the correct answer won't be decimal), you can enter the answer via your keyboard.
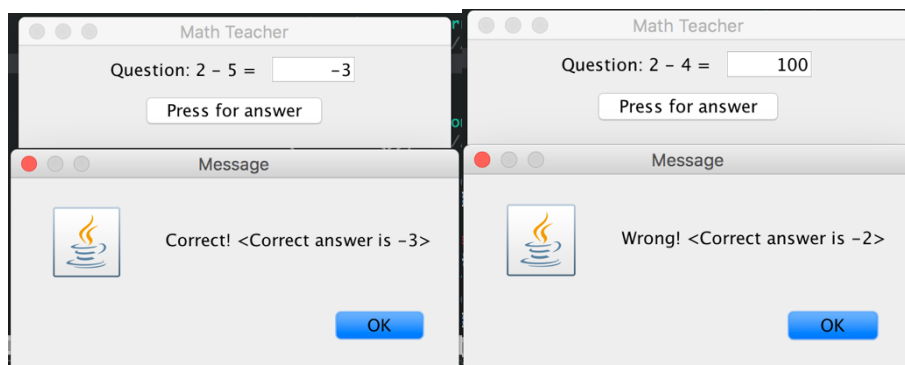
However, you can only input numbers (no letters) which no more than three characters (-99 to 999). If your answer is out of this range, the program will not allow you to add them into the text field.
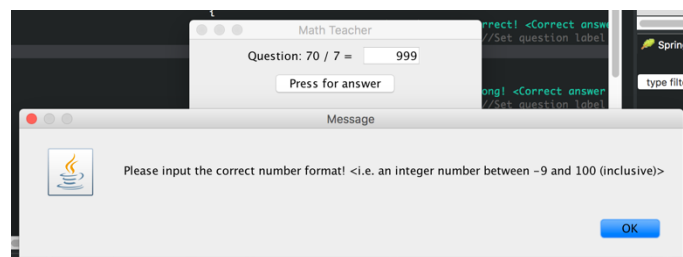

Type the answer of the random arithmetic question in the text field and click button "Press for answer".

If you are correct, you will be told that "Correct" and program will show you correct answer.

If you are wrong, you will be told that "Wrong" and program will show you correct answer.

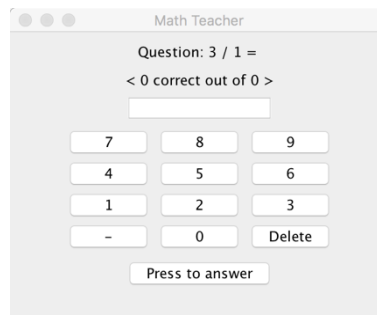If the input answer is not valid, such as you answer is in 101 to 999 or -10 to -99, you will be told that "Please input the correct number format! < i.e. an integer number between -9 and 100 (inclusive)>".

Task2(Include Extensions):

Compile "MathTeacher.java" in Task2 directory, Run "MathTeacher".

You will get a graphical interface which display a random arithmetic question (when doing division, the correct answer won't be decimal), and now you can have a choice of entering the answer via the keyboard or via the GUI. What's more, each time you

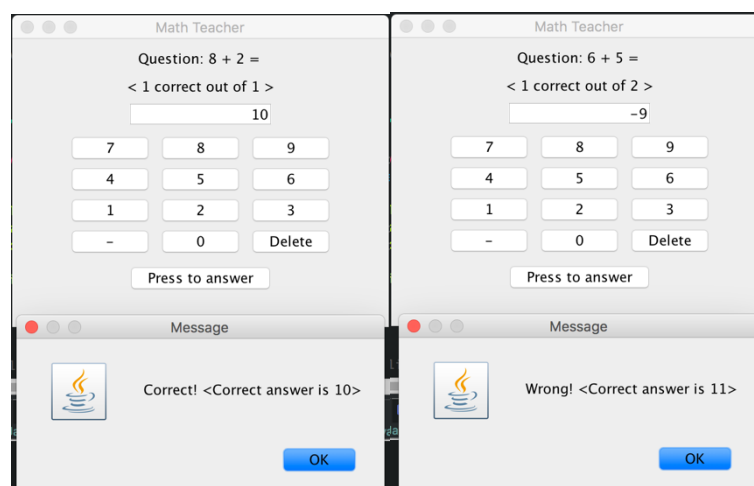answer the question, the program will record your score.

The same as Task 1, you can only input valid values that in the range of -99 to 999. If the input is letters or values not in -99 to 999, the program will not allow you to add them into the text field. However, if your answer is in 101 to 999 or -10 to -99, you will be told that your answer format is wrong.

Input the answer of the random arithmetic question in the text field and click button "Press for answer".

If you are correct, you will be told that "Correct" and program will show you correct answer.

If you are wrong, you will be told that "Wrong" and program will show you correct answer.

If the input answer is not valid, such as you answer is in 101 to 999 or -10 to -99, you will be told that "Please input the correct number format! < i.e. an integer number between -9 and 100 (inclusive)>".