

# User Manual

## How to start the program

- 1 Open the command line and compile all java files in "test" (which is the package of my java files)
- 2 Return to the previous folder and run "java test.MultipleChoiceGui" on the command line.

## How to use MultipleChoiceGUI

- 1 After opening the GUI, you can select the questions out of order, each time selecting the difficulty of the current question.
- 2 For each question you have the chance to attempt twice. If you choose the right answer, it will ask you to choose the mode for next question. If you choose the wrong answer, it will tell you "Wrong answer!" on the label.
- 3 During the process of your question, "score" label at the bottom of the interface will display scores in real time. "total" label shows the total number of remaining questions.
- 4 When you click the reset button, you can re-enter the system to answer the questions, questions will return to all unanswered status, and the score will be cleared.
- 5 If you have completed all questions in the easy/medium/difficulty category, when you press the button for the current category again, the title of the current category will no longer be displayed and you will be reminded.
- 6 When you have completed all the questions, the value of total is updated to zero, you can see your last score, then choose to close the window to end the answer, or click "reset" to re-answer all questions.

## Scoring rules

There are four easy questions (2 marks each), two medium questions (4 marks each), and one difficult question (6 marks each) in the current system. For each question you have two chances to choose the right answer. If you choose the right one in the first attempt, you will get the corresponding score for the question. If you choose the right answer in second time, you will get half of the score. If you choose the wrong one, you will not get the score for the question.

## For the developer

If you want to add any questions, open "File" directory and add them in the .text files. You need to pay attention to the format: Add four possible answers **line by line**, and then add the question on the next line.