SuperHero Times Tables Game User's Manual

1. Introduction to the game

SuperHero Times Tables is a fun game designed to help children learn multiplication tables. In the game, players need to calculate the results based on the multiplication expressions given and enter the answers to verify them. Through the game, players can consolidate their knowledge of multiplication tables and improve their calculation skills.

2. Starting the programme

To start the SuperHero Times Tables game program, follow the steps below:

a. Ensure that the Java Runtime Environment is installed.

b. Download the program file: Download and extract the program folder containing the `Run.java` file.

c. Compile the programme: Navigate to the folder containing the `Run.java` file in the terminal and run the following command to compile the programme:

<div align="center">

javac Run.java

</div>

d. Run the application: After successful compilation, run the following command in the same folder to start the application:

<div align="center">

java Run

</div>

e. Start the game: The game interface will be displayed and you can start playing SuperHero Times Tables.

3. Game Interface

The game interface is mainly divided into the following sections:

Topic area: the area above the window, which displays the current multiplication expression, and the player needs to calculate the result according to this expression.

Input Box: The area above the window where the player enters the result of the calculation.

Selection list: the upper area of the window, where the player can select the elements of the multiplication table he wants to practice.

Start Button: upper part of the window, the button to start the game or to continue it.

Answer Hint: left side of the window, showing whether the player's answer is correct or not.

Score: right side of the window, showing the player's score.

4. Game Flow

Select Multiplication Table: Before the game starts, the player needs to select the multiplication table element to be practiced from the selection list, the selected element in the list will be multiplied with another integer within 1 to 12 for the title, the player can also change the list element during the game.

To start the game: When the selection is complete, click the "Start" button to begin the game. The game will display the first multiplication expression and start the timer.

Calculate Result: Calculate the result based on the multiplication expression displayed in the title area and enter the answer in the input box.

Verify Answer: When you have finished typing, press Enter or click the Next button to verify the answer. If the answer is correct, "Correct" will be displayed in the answer hint area, otherwise the correct answer will be displayed and the score will be updated in the scoring area.

Game Over: After completing 5 questions, the game will end and the score area will display the number of questions the player answered correctly. The player can choose to restart the game or exit the game.

5. Caution

During the game, you can only enter answers during the answer phase, not when the game has not started or at the end of the game, and you can change the list elements during the game, which will increase the difficulty and playability of the game.

Make sure you are ready before you start the game, as the game keeps track of whether you have answered the questions correctly or not, and at the end of each round your answer score will be displayed on the right side of the window.

If you need to exit the game, simply close the game interface or click the close button on your operating system.

6. Tips for use

The programme is robust enough to give hints and correct guidance to users when they are not operating correctly, without abnormal pop-ups.

You don't need to drag the cursor in the text box all the time to answer the questions, the programme has provided the function of automatically locking the cursor in the text box, so just answer the questions as soon as possible!

With these steps, you can start using SuperHero Times Tables game smoothly. Have fun playing and enjoy learning!