

CARD GRID GAME

User Manual

1. Overview

Hi, welcome to play The Card Grid Game! This user manual will give you some instructions on how to run and play the game, and show you the rules of the game. **HAVE FUN!**

2. Configuration

There is no specific configuration required for your computer's hardware to play the card grid game. But it is a must that you have installed Java SDK (Version 1.6.0 or above) on your computer.

If you don't have a Java SDK, please download it from the following website and install it on your computer:

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

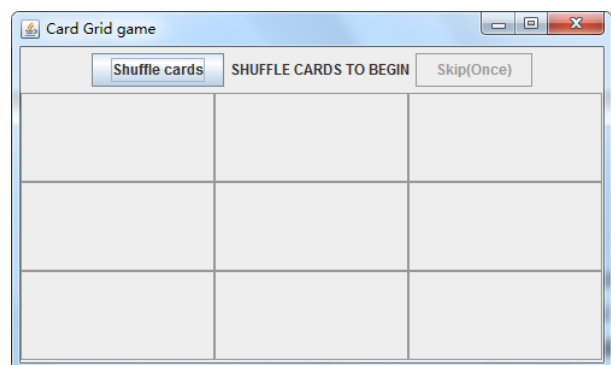
3. How to play the game

a) Start up

This game contains two complete versions; they are in the file directory "Task3" and "ExtraCredit" respectively.

To run the game, you have to use the command line.

1. Press WIN + R and type in "cmd" to open the command line interface. Then change the directory to "Task3" or "ExtraCredit".
2. Since this java app has already been compiled, you can run it with the java code: "java DeckOfCards". A Java GUI will appear like the one below (if you access the version in ExtraCredit)



b) Game rule

The Card Grid Game makes use of the first 6 cards (i.e. Ace to Six) of each suit from a standard pack of cards, i.e. a total of 24 cards. The rule of the game is to **place each card in a suitable grid position such that the final score is maximized.**

The scoring is done as follows:

Each row and column of 3 cards is considered a 'hand'. Each hand may achieve a score under the three categories described below.

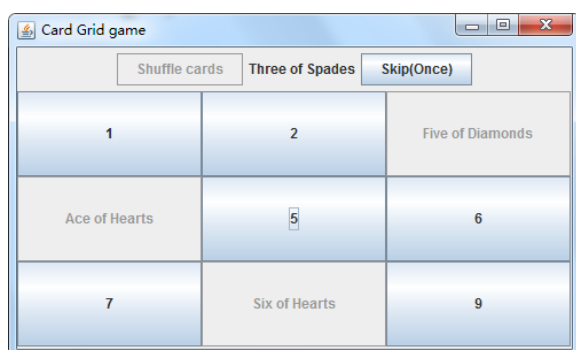
Category 1: Ace Flush (1000 points): Three cards of the same suit including at least one Ace, e.g. A- 2- 5 or 6- A- 4. (Of the same suit)

Category 2: Flush (500 points): Any three cards of the same suit, e.g. 3- 2- 5 or 2-4- 6 (Of the same suit)

Category 3: Pair (100 points): A hand with two cards of equal face value and any other card, e.g. 6-6-4 or 5-5-A.

c) How to play

- i. As you click on the "Shuffle cards" button, a random card among the 24 cards will be picked out and the face and suit of this card is shown on the status label. Also, the nine grid buttons below are enabled so that you can put this card in any of the nine grids you like.



- ii. As you click on one grid button, its label will change and show the card's face and suit that you put on it. And the button will be disabled and you can no longer change it. Then the face and suit of the next random card will be shown on the status label. You can continue putting it one the rest grids.

- iii. The "Skip(Once)" button on the right allows you to skip a card that you don't want to put on the grid. **But it can only be used ONCE.**
- iv. After you've fill all the nine grids with cards, a message box will automatically popup like the one on the right, showing you your score and the number of hands you achieved on each category.



HAVE FUN ANYWAY!