

# Hiina Turakas Documentation

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**Purpose:** Creating a single player version of the popular Estonian card game Hiina Turakas using Processing.

**Components:** The game was created using Python in Processing 3. The necessary image assets were retrieved from an open github repository:

<https://github.com/hayeah/playing-cards-assets>

The repository that the card assets were taken from also included the no copyright license documentation, which has also been committed to our own repository. Any additional images used, such as the game instructions, were made by ourselves in Adobe Illustrator.

## How to run the program:

In order to run the program, the user needs to download and install Processing by clicking on the following link: <https://processing.org/download/>. Once installed, the user must then download the Python mode. Thereafter, simply opening the Hiina-Turakas.pyd file and running it would bring the user to the game screen.

The game follows the same rules and procedures that are observed when playing Hiina Turakas. Therefore, in order to play it, the player must first acquaint themselves with the rules that are given below (they are also shown in game):

### Start of the game:

- Choose 3 of your best cards for the endgame
- The Player with the lowest card plays first

### On your turn:

- Play a card that is equal or higher in value than the card in the center, or a special card
- A player can play multiples of the same card during the same turn
- Having 4 cards with the same number in a row discards the center pile and the player can play again
- If you can not or do not want to play any card, click on the center cards to pick them all up
- If you have less than 3 cards in your hand, click on the deck to refill your hand

### End of the game:

- Once the deck is empty, players stop refilling their hand
- Once their hand is empty, players can add the cards in the table cards to their hand
- The top 3 cards need to be played before the bottom 3 cards
- The player who plays all of their cards first wins

### Special cards:

- These cards have special effects, and can be played on anything
- 2: The player can play again
- 7: The next player has to play a lower value than 7, or another special card
- 8: Transparent; play as if the earlier card is on top
- 10: Discards the cards in the active pile and the player can play again

Below is a screenshot of the game with added labels for some of the components (the labels are not displayed in game).

