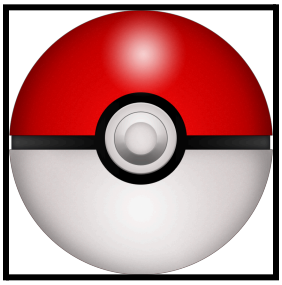

Pokemon Card Game Application

By Jake Cubernot

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Introduction:

- The Pokemon Card Game Application is a simplified, videogame-like version of the existing *Pokémon Trading Card Game*.

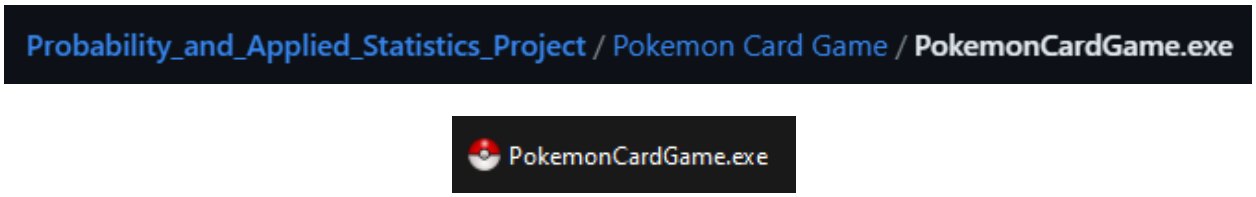
- The game is intended for 2 players to take turns going back and forth, battling their opponents with Pokemon from their deck. Currently, the game is equipped with 3 unique Pokemon cards, Pikachu, Caterpie, and Charmander, and their corresponding energy cards, Lightning, Grass, and Fire. There are also 3 unique trainer cards, Nest Ball, Professor's Research, and Super Potion, which can help aid the players towards victory.

- Currently, the goal of both players is to win against their opponents. A win can be achieved by either gaining all of the prize cards or by defeating the opponent's Pokemon until there are no more Pokemon cards in all of the opponent's active, bench, and hand.

- To get the best experience, players should go into the application having basic knowledge of how to play the *Pokémon Trading Card Game.*

Installation:

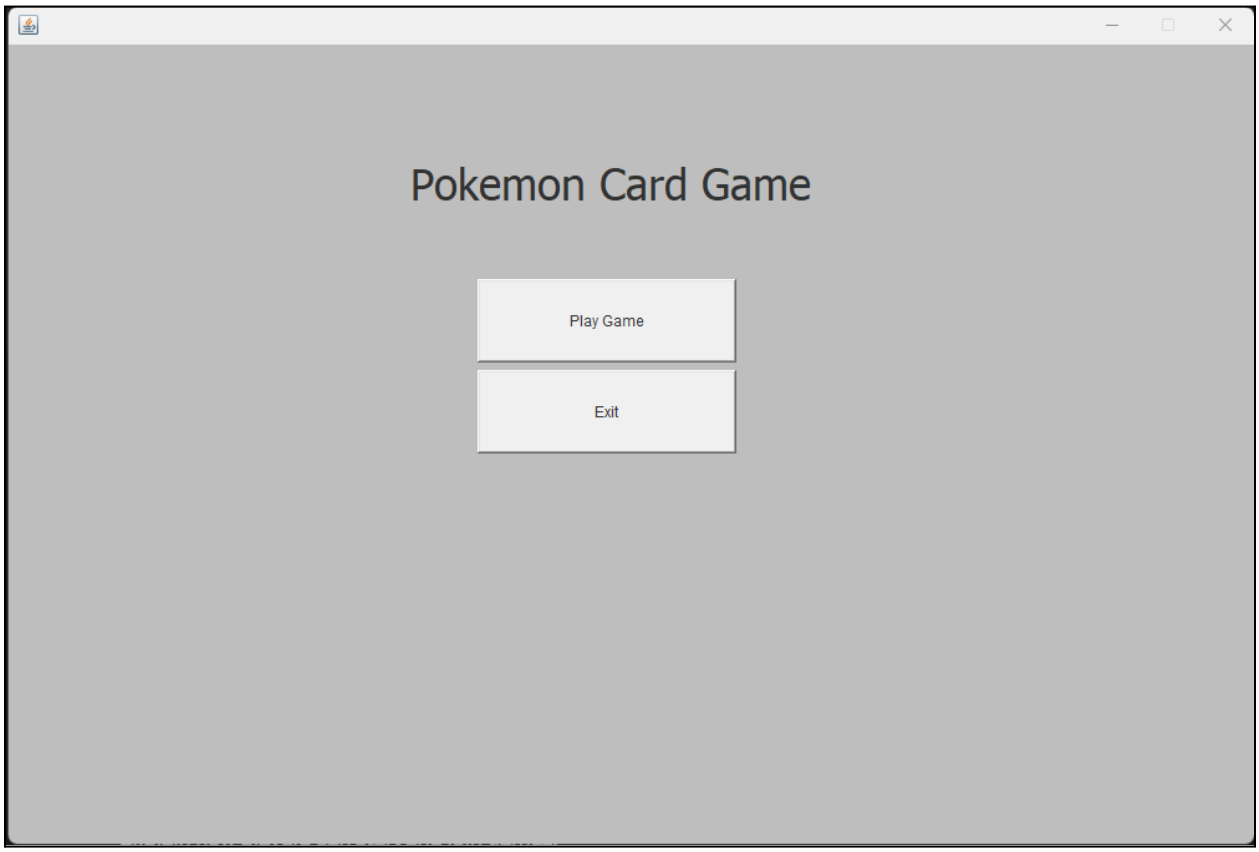
- The Pokemon Card Game Application can be found in the GitHub link as PokemonCardGame.exe



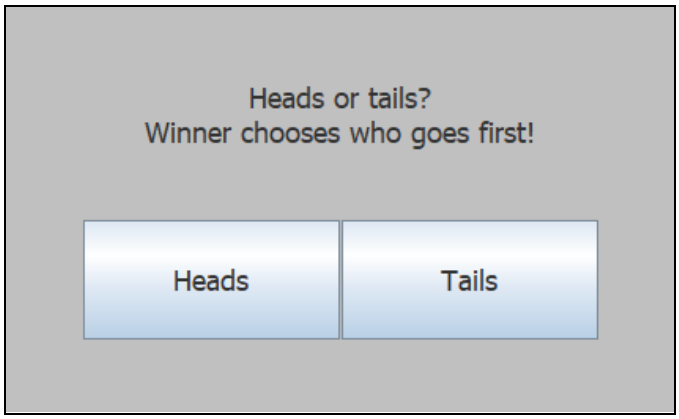
Getting Started:

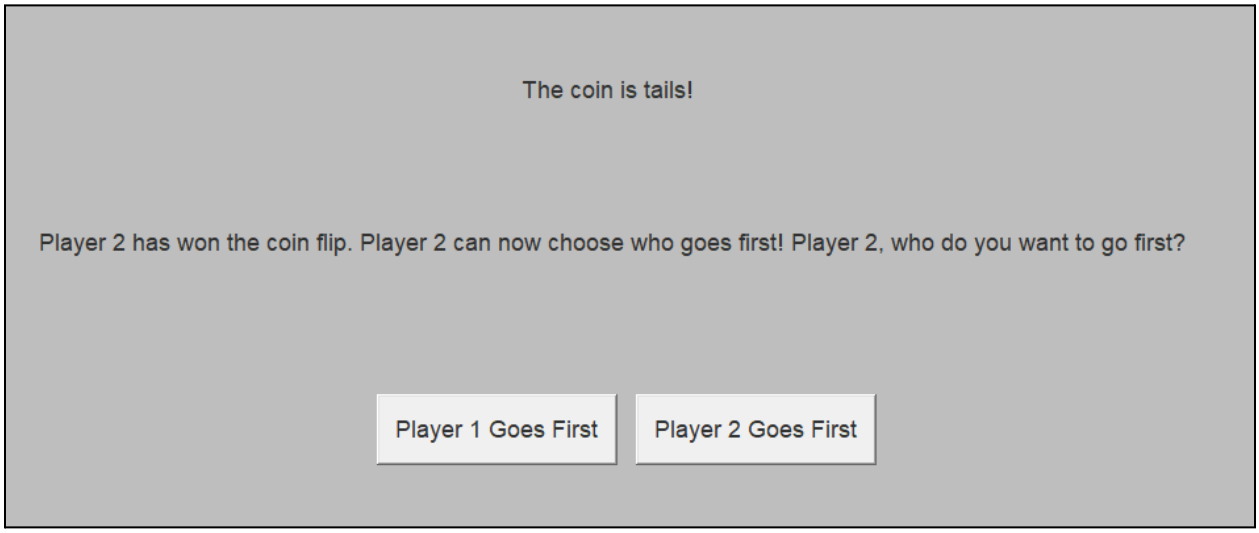
- The rules of the Pokemon Card Game are similar to the actual *Pokémon Trading Card Game* with some simplification.

- Players begin by clicking *Play Game* on the main menu:

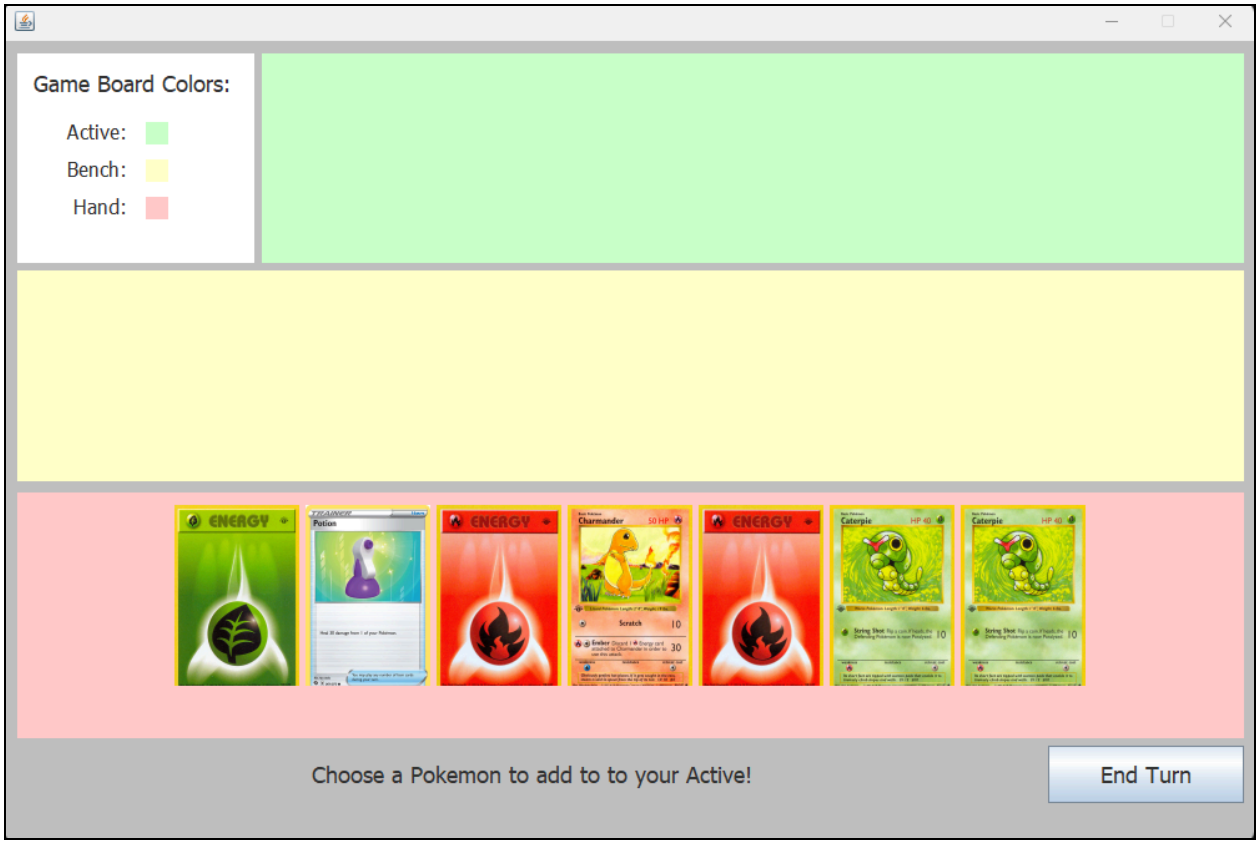


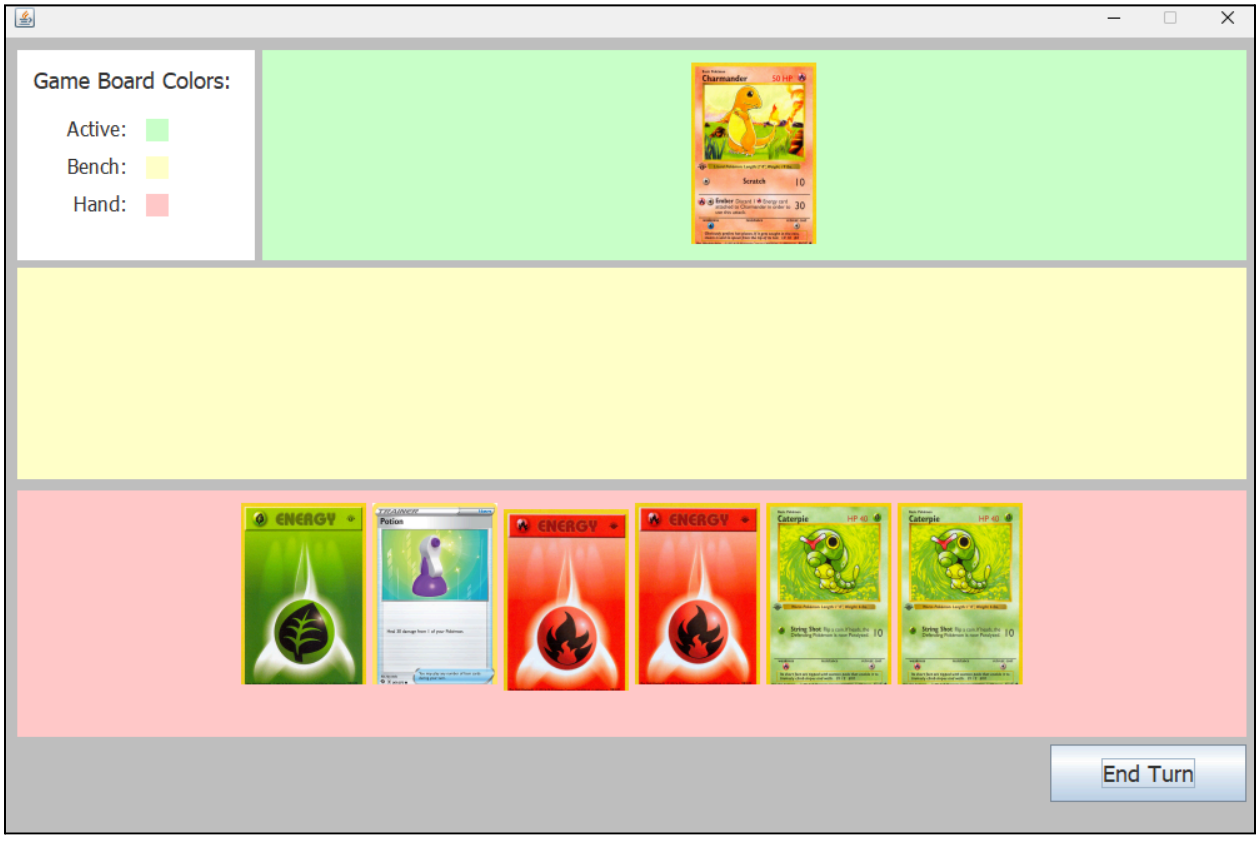
- Players then decide between heads or tails, where the winner of the coin flip gets to choose who takes the first turn:



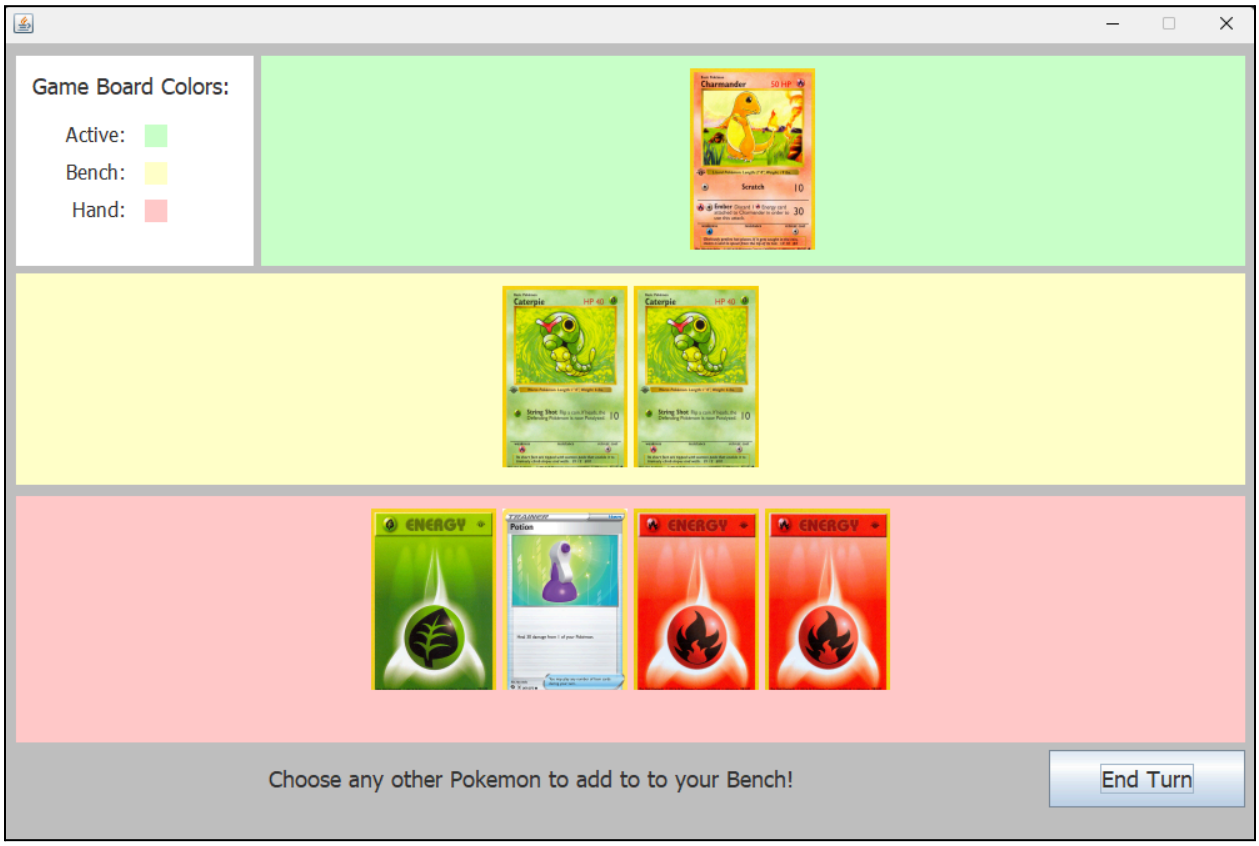


- The player going first begins by viewing their hand and choosing a Pokemon to be their active by clicking a Pokemon Card:


Game Board Colors:
Active:
Bench:
Hand:
Choose a Pokemon to add to to your Active!
End Turn


Game Board Colors:
Active:
Bench:
Hand:
End Turn

- Once the player chooses their active, they will be given the option to add any remaining Pokemon to their bench:



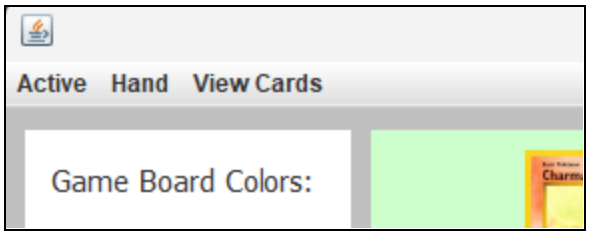
- Once the player chooses their remaining Pokemon, they should end their turn by pressing *End Turn*.

- Once ending their turn, the second player will repeat the same process.

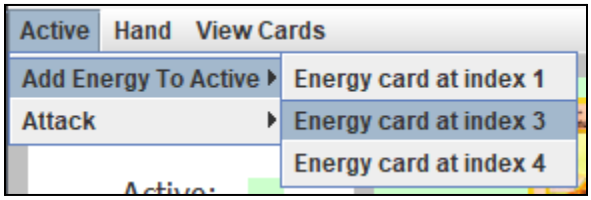
Gameplay:

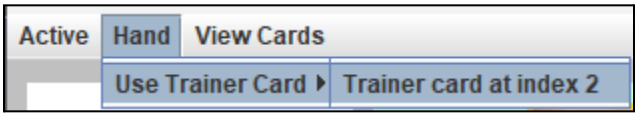
- When both players have their Pokemon ready, the game can begin! Both players will be then shown the game board. This is where players can view their active, bench, hand, and the opponents' cards. The winner of the coin flip will begin first:

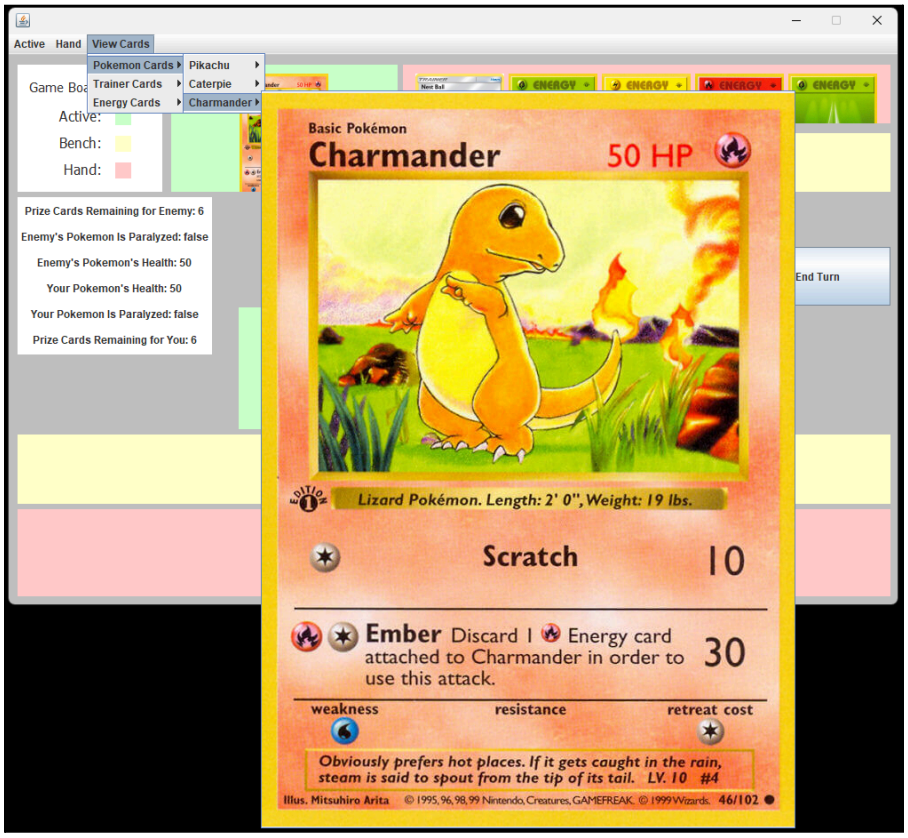
- Players will need to use the menu at the top left to use their cards except for moving Pokemon to the active or bench, which is the same as before by clicking the cards:



- Card actions include *Add Energy To Active, Attack, Use Trainer Card,* and *View Cards* which offer a higher-definition version of each card so players can read their uses and intent:

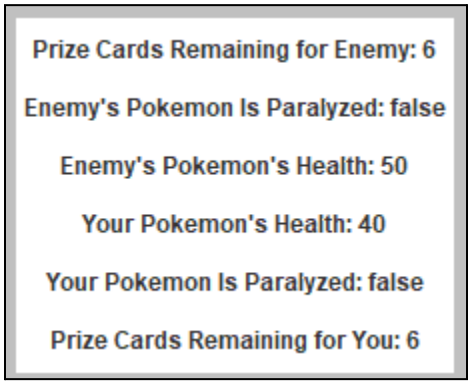




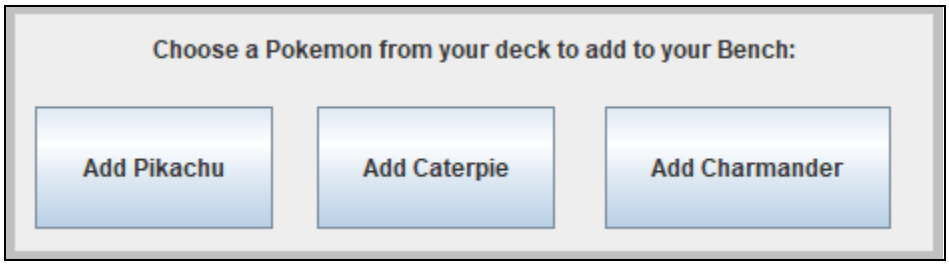
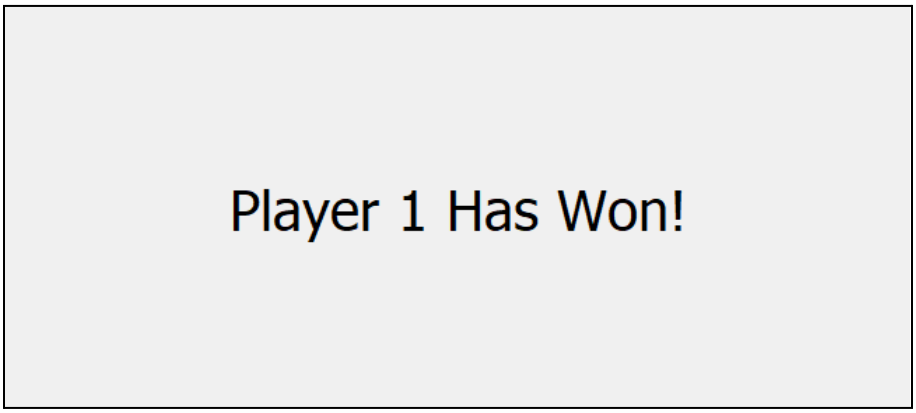


- Players should add energy cards to their active Pokemon and use them to attack their opponent:

- The status of each player's Pokemon can be viewed on the middle left of the screen in addition to each player's remaining prize cards:



- Certain trainer cards will offer the player unique options. For example, the Nest Ball trainer card will display and new menu requesting the player to choose a Pokemon from their deck to add to their bench:



- The game should play out until one of the winning conditional is met, ultimately ending the game with one of the players becoming victorious!: