**1. Introduction:**

Kids in third through fifth grade can play our Art Dealer Game. It's a fun and interesting game of matching cards. As the owner of a gallery, it is your job to find out what piece of art (or set of playing cards) the art dealer wants to buy. Play this game again and over again if you want to get better at thinking and recognising patterns.

**2. Game Setup:**

* Ensure that you have Python installed on your computer.
* Install the necessary libraries:
  + tkinter for the game interface.
  + pygame for game sound effects.

To install these, you can use the following commands in your terminal:

pip install pygame

pip install tkinter

* Make sure the sound file (gameplay\_sound.mp3) is in the same directory as the game file.

**3. How to Play:**

* After shuffling the cards, deal them face down. After this, the game will start.
* You need to figure out what kind of pattern these cards make. Here are some possible patterns:
  1. **All Even Numbers**: You won't get any strange cards.
  2. **All Odd Numbers**: All of your playing cards are different.
  3. **Sum of Values Greater than 20**: A hand with ten face cards is worth more than twenty bucks.
  4. **Two Red and Two Black Cards**: You might use a red and a black card.
  5. **All Cards of Different Suits**: Each card has its own suit.
  6. **Two Picture Cards**: The face cards in this hand are the king, queen, and jack.
  7. **Prime Numbers and a Face Card**: Each hand has a deck of prime numbers and two regular playing cards.
  8. **Two Cards Add Up to 10**: The total of your two playing cards is 10.
  9. **All Cards Greater than 5**: You have a winning hand if the total of all your cards is more than 5.
* Choose the card with the best pattern from the ones you have
* If you pick the right one, you get to keep the round. If that doesn't work, try switching decks.

**4. Controls:**

* **Start Game**: After shuffling the deck, a new hand of cards is dealt to start each new round.
* **Select Pattern**: Pick the right pattern to play this hand.
* **Reset Game**: You have to shuffle the cards before each new hand to start over.
* **Exit**: You can leave the game by closing the window.

**5. Game Sound Effects:**

* The sound effects will make the game more fun to play. Make sure your sound is on while you play so you can hear what the game is saying.

**6. Game Rules and Tips:**

* Keep in mind the designs you picked out previously.
* The deck is always shuffled in a way that is completely random, yet some patterns do come back.
* If you're not sure what to do, take a closer look at the suits, numbers, and values of the cards.

**7. Troubleshooting:**

* If you're not sure what to do, take a closer look at the suits, numbers, and values of the cards.
* Check the sound file's location and install any libraries that are needed to make sure the game starts up correctly.

**8. Conclusion:**

If your computer crashes or you have trouble starting Windows, make sure you're using an environment that works with Tkinter and Pygame while you're running Python.

**Game Screenshot:**









