Intro to Java Week 6 Coding Assignment

**Points possible:** 70

|  |  |  |
| --- | --- | --- |
| Category | Criteria | % of Grade |
| Functionality | Does the code work? | 25 |
| Organization | Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear. | 25 |
| Creativity | Student solved the problems presented in the assignment using creativity and out of the box thinking. | 25 |
| Completeness | All requirements of the assignment are complete. | 25 |

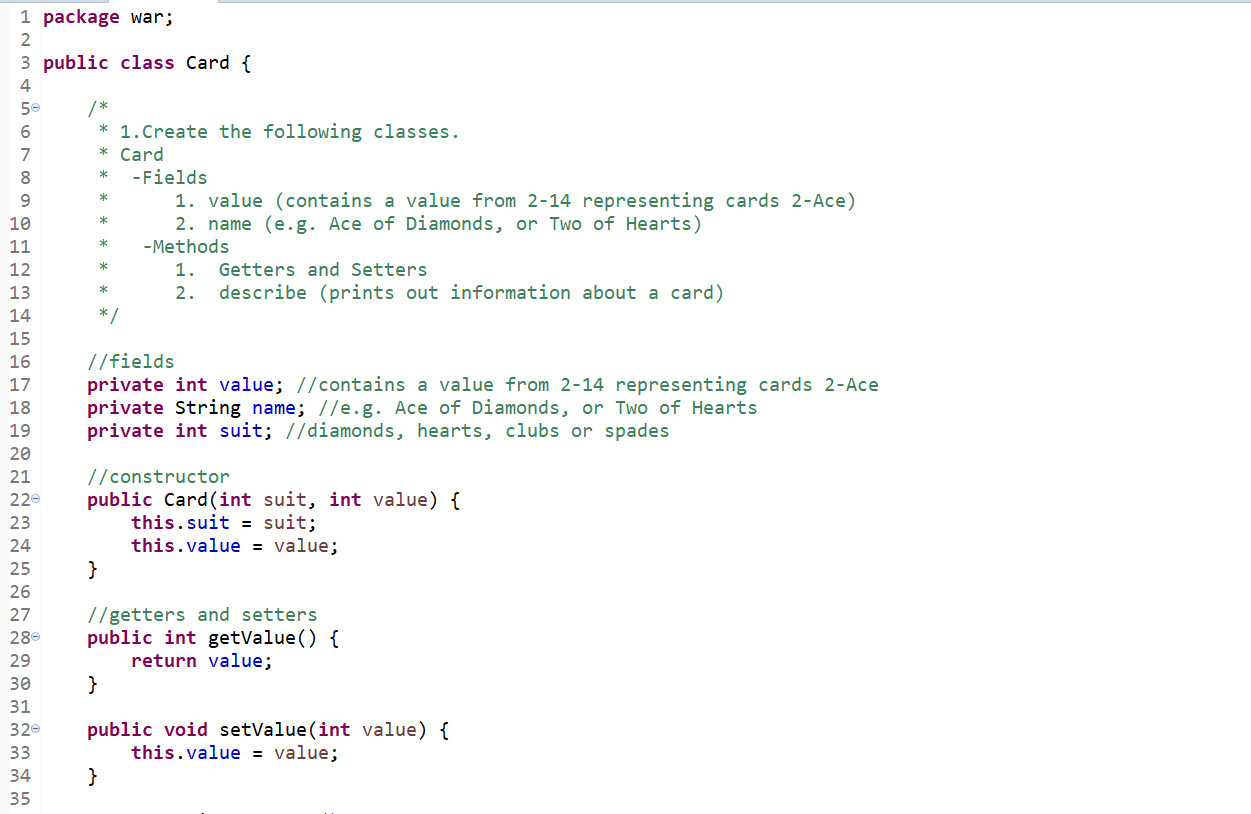
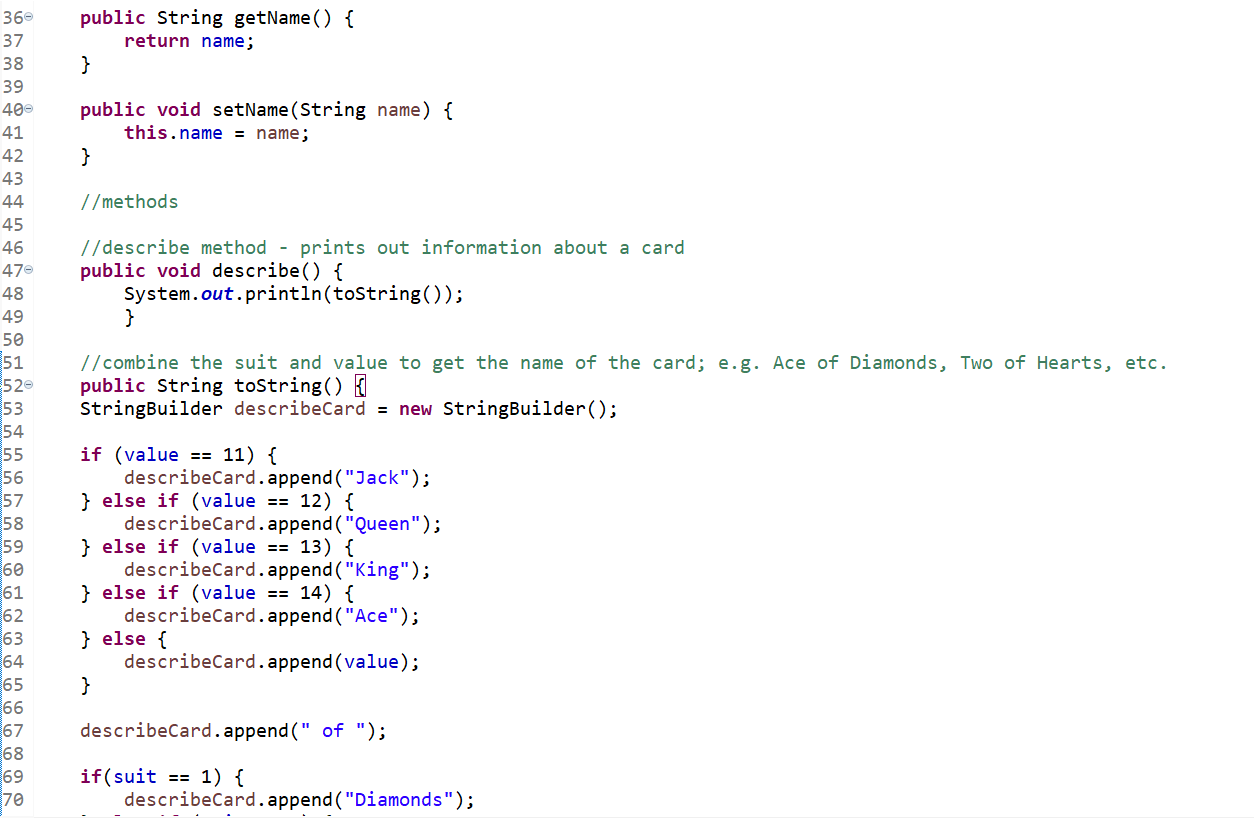
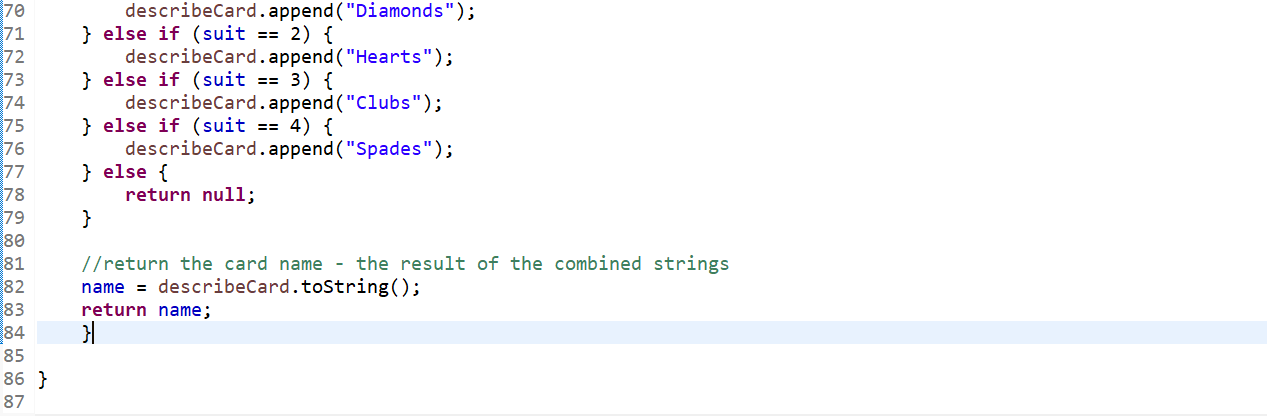
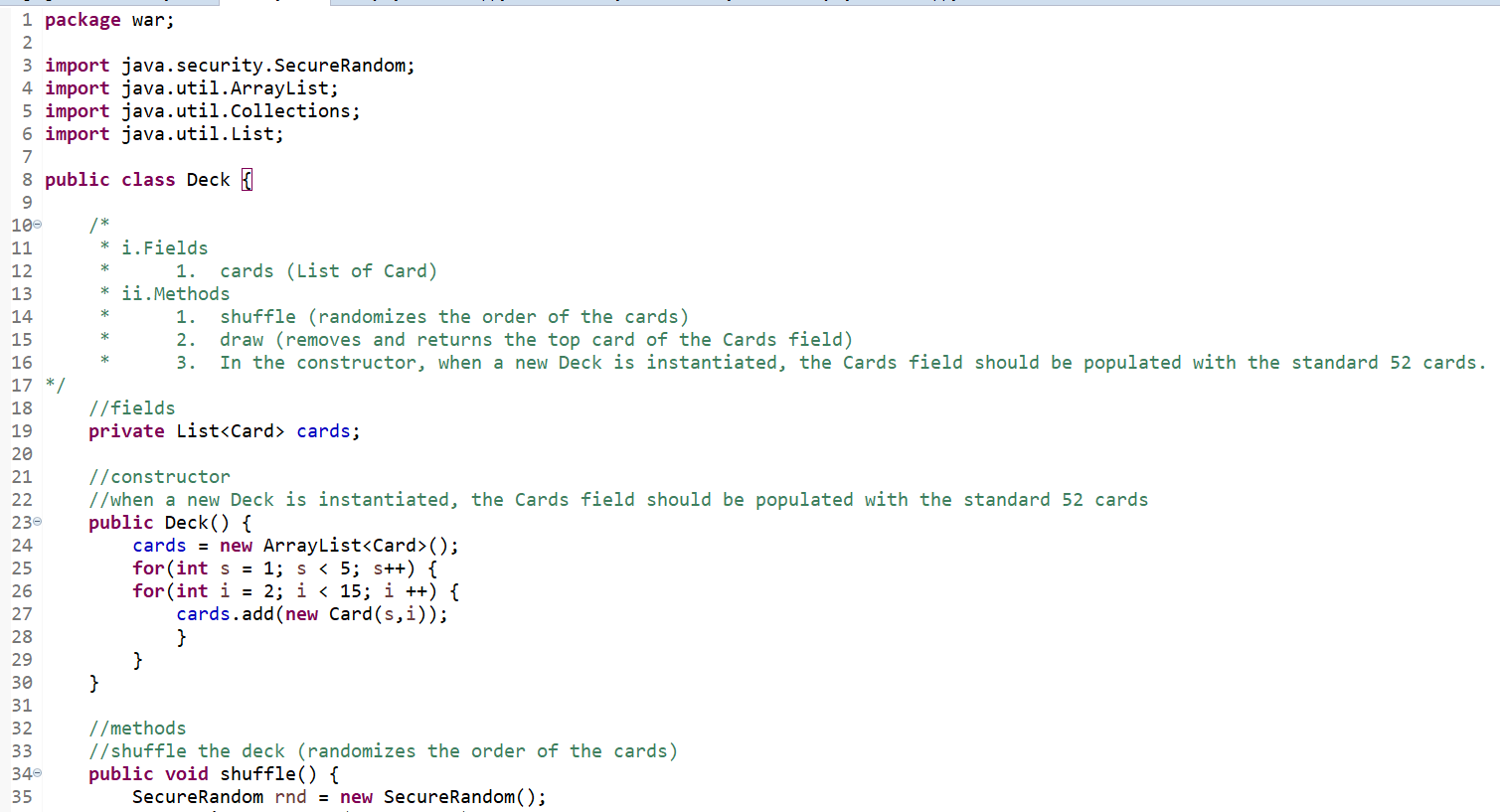
**Instructions:** In Eclipse, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week’s assignments and push this document, with your Java project code, to the repository. Add the URL for this week’s repository to this document where instructed and submit this document to your instructor when complete.

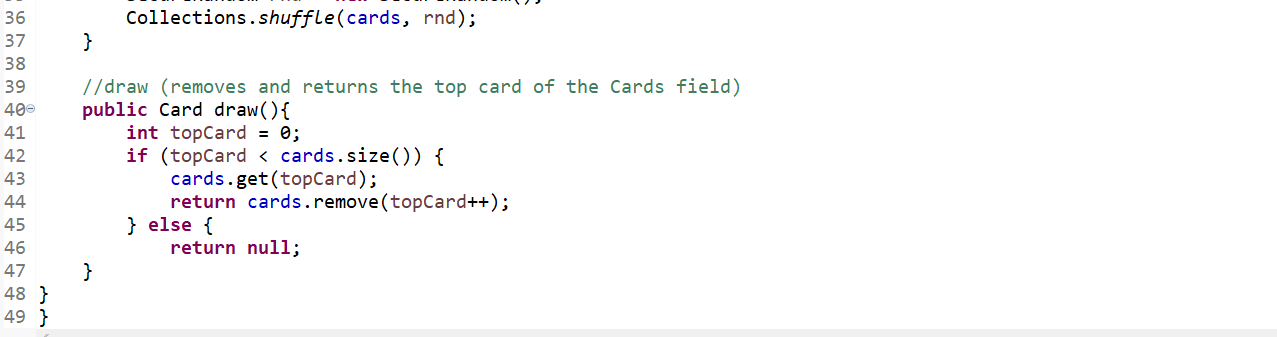
**Coding Steps:**

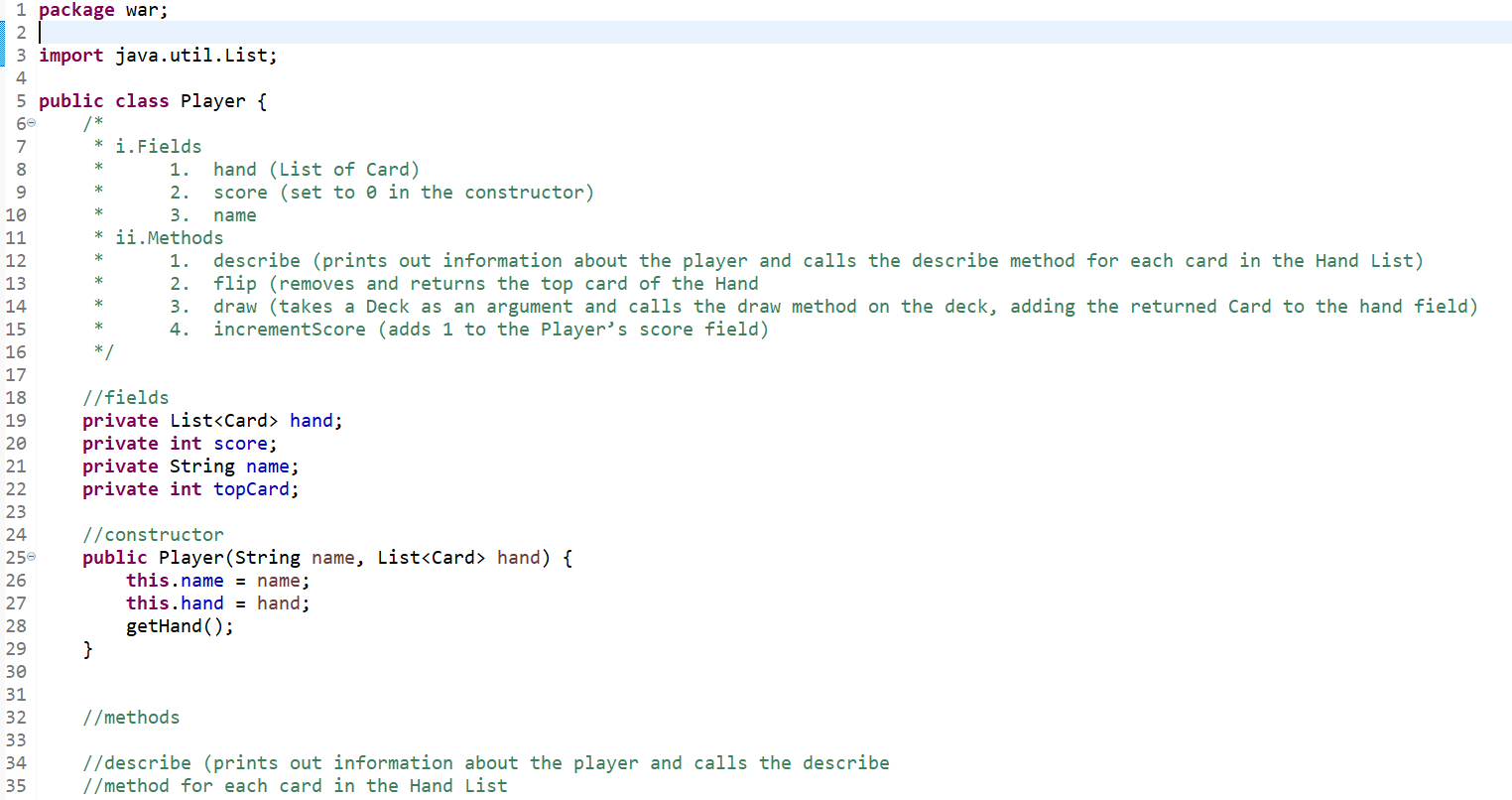
For the final project you will be creating an automated version of the classic card game *WAR.*

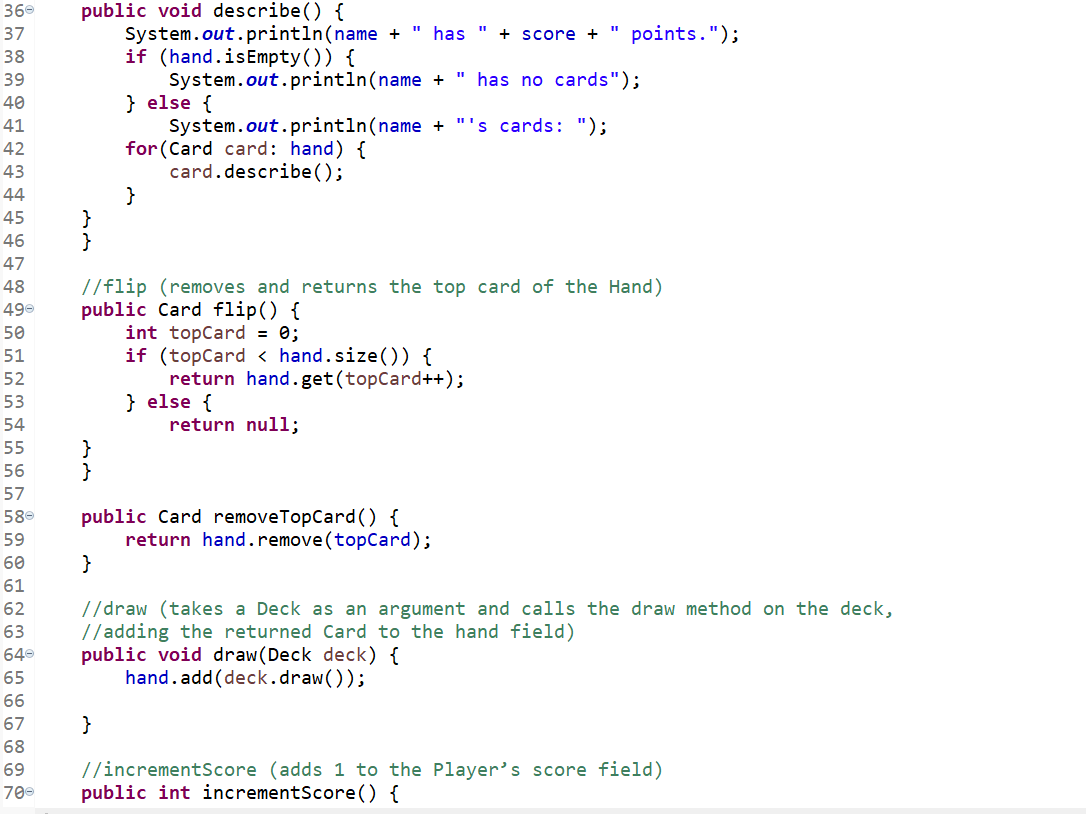
1. Create the following classes.
   1. Card
      1. Fields
         1. **value** (contains a value from 2-14 representing cards 2-Ace)
         2. **name** (e.g. Ace of Diamonds, or Two of Hearts)
      2. Methods
         1. Getters and Setters
         2. **describe** (prints out information about a card)
   2. Deck
      1. Fields
         1. **cards** (List of Card)
      2. Methods
         1. **shuffle** (randomizes the order of the cards)
         2. **draw** (removes and returns the top card of the Cards field)
         3. In the constructor, when a new Deck is instantiated, the Cards field should be populated with the standard 52 cards.
   3. Player
      1. Fields
         1. **hand** (List of Card)
         2. **score** (set to 0 in the constructor)
         3. **name**
      2. Methods
         1. **describe** (prints out information about the player and calls the describe method for each card in the Hand List)
         2. **flip** (removes and returns the top card of the Hand)
         3. **draw** (takes a Deck as an argument and calls the draw method on the deck, adding the returned Card to the hand field)
         4. **incrementScore** (adds 1 to the Player’s score field)
2. Create a class called App with a main method.
3. Instantiate a Deck and two Players, call the shuffle method on the deck.
4. Using a traditional for loop, iterate 52 times calling the Draw method on the other player each iteration using the Deck you instantiated.
5. Using a traditional for loop, iterate 26 times and call the flip method for each player.
   1. Compare the value of each card returned by the two player’s flip methods. Call the incrementScore method on the player whose card has the higher value.
6. After the loop, compare the final score from each player.
7. Print the final score of each player and either “Player 1”, “Player 2”, or “Draw” depending on which score is higher or if they are both the same.

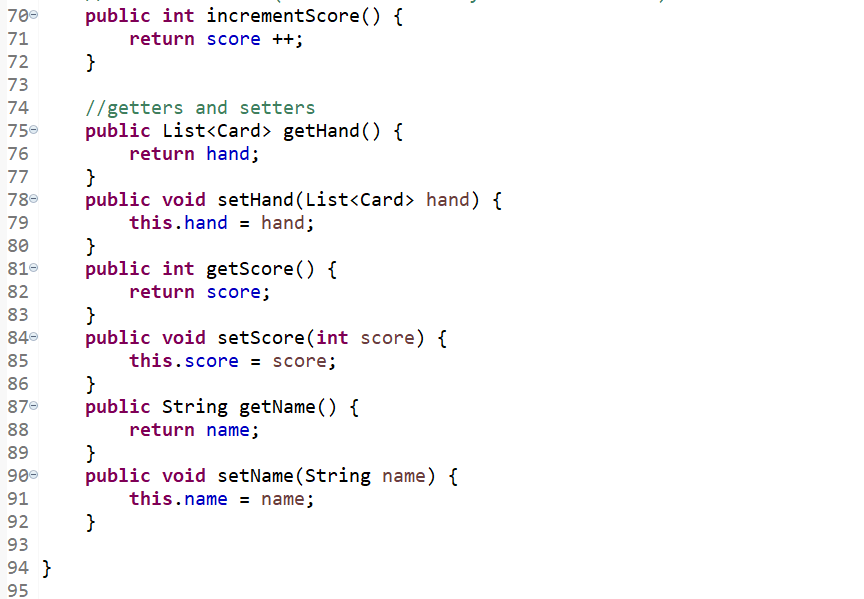
**Screenshots of Code:**

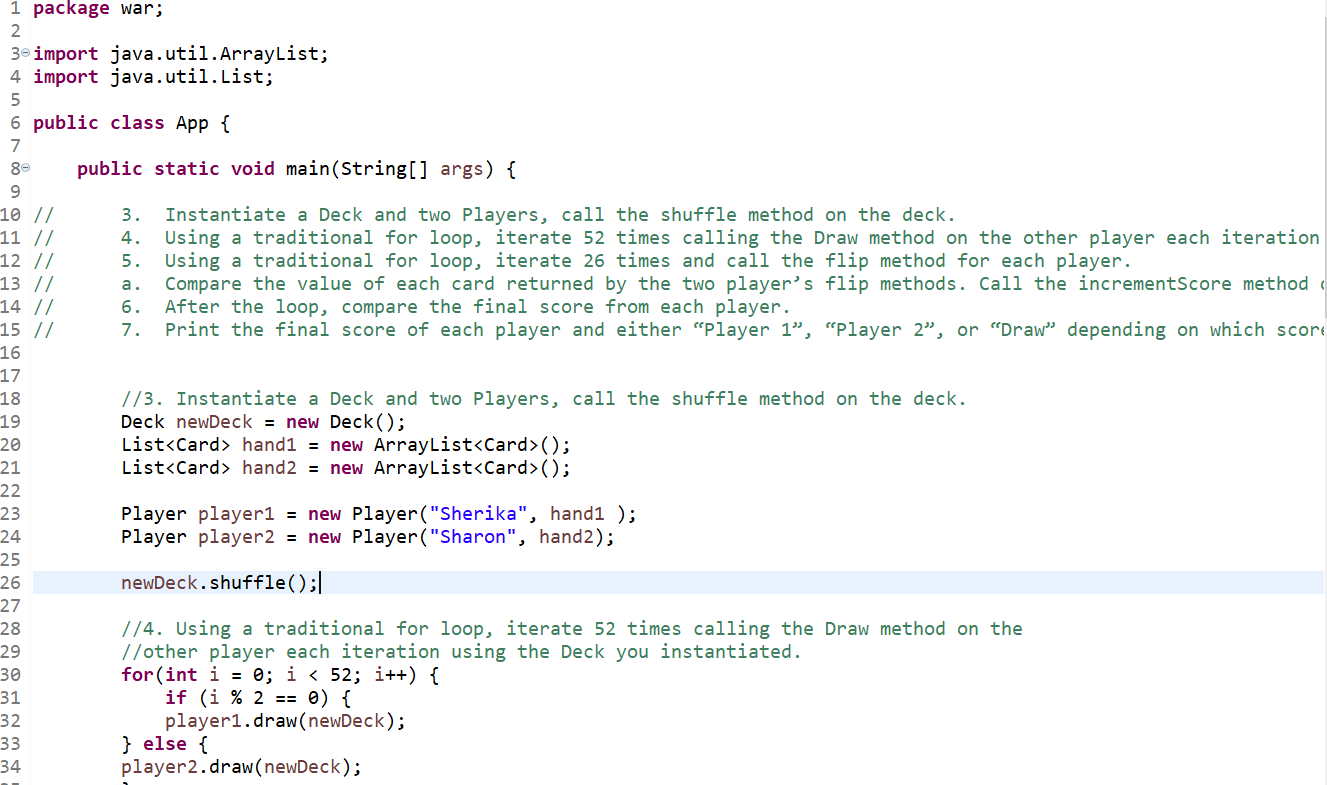
   

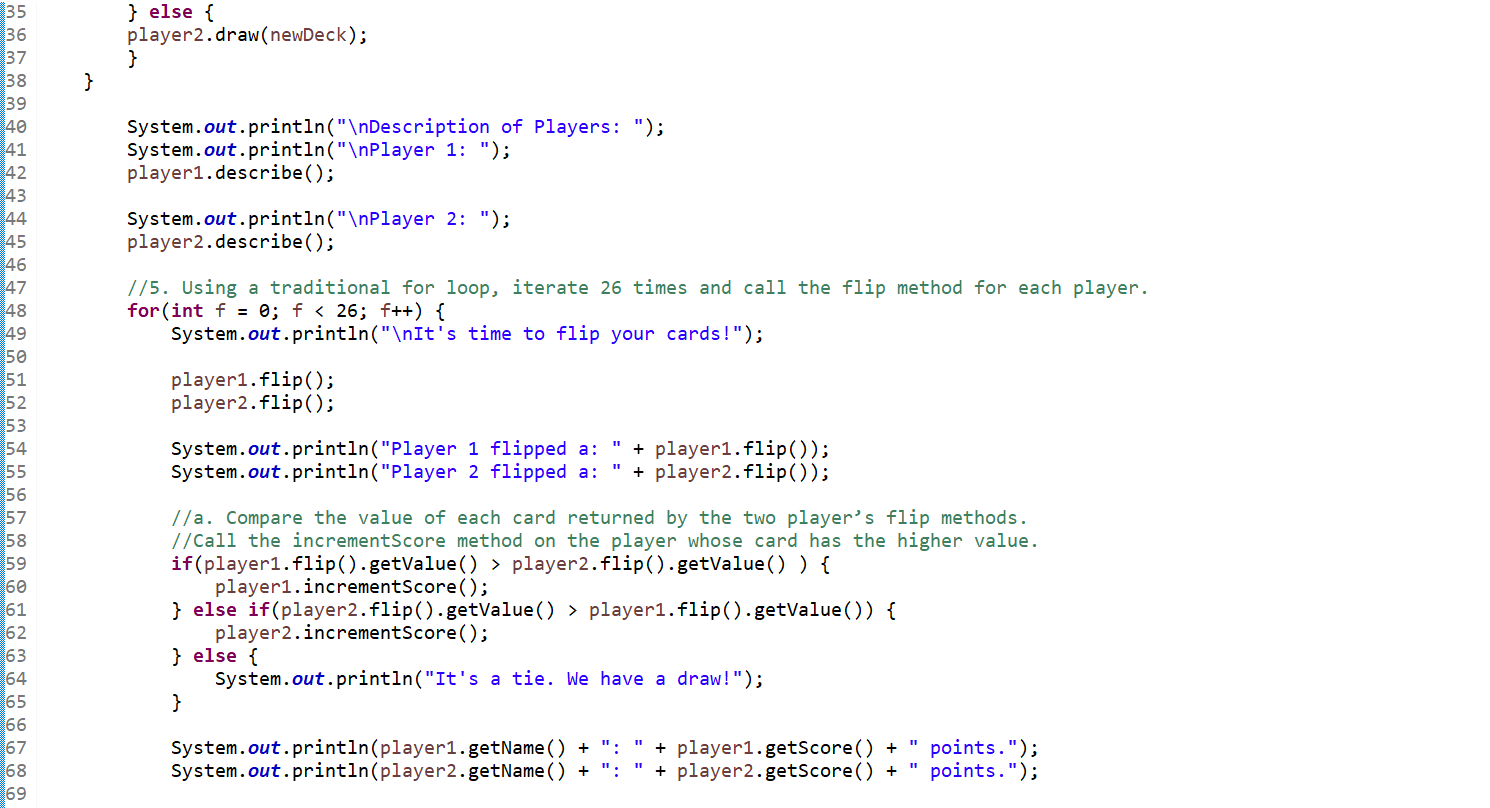














**Screenshots of Running Application:**

Description of Players:

Player 1:

Sherika has 0 points.

Sherika's cards:

6 of Clubs

2 of Hearts

Jack of Diamonds

6 of Hearts

5 of Hearts

Queen of Spades

5 of Clubs

7 of Clubs

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 0 points.

Sharon's cards:

9 of Hearts

2 of Spades

Jack of Hearts

6 of Spades

King of Hearts

Queen of Diamonds

Ace of Diamonds

2 of Clubs

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 6 of Clubs

Player 2 flipped a: 9 of Hearts

Sherika: 0 points.

Sharon: 1 points.

Here is each player's hand:

Player 1:

Sherika has 0 points.

Sherika's cards:

2 of Hearts

Jack of Diamonds

6 of Hearts

5 of Hearts

Queen of Spades

5 of Clubs

7 of Clubs

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 1 points.

Sharon's cards:

2 of Spades

Jack of Hearts

6 of Spades

King of Hearts

Queen of Diamonds

Ace of Diamonds

2 of Clubs

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 2 of Hearts

Player 2 flipped a: 2 of Spades

It's a tie. We have a draw!

Sherika: 0 points.

Sharon: 1 points.

Here is each player's hand:

Player 1:

Sherika has 0 points.

Sherika's cards:

Jack of Diamonds

6 of Hearts

5 of Hearts

Queen of Spades

5 of Clubs

7 of Clubs

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 1 points.

Sharon's cards:

Jack of Hearts

6 of Spades

King of Hearts

Queen of Diamonds

Ace of Diamonds

2 of Clubs

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: Jack of Diamonds

Player 2 flipped a: Jack of Hearts

It's a tie. We have a draw!

Sherika: 0 points.

Sharon: 1 points.

Here is each player's hand:

Player 1:

Sherika has 0 points.

Sherika's cards:

6 of Hearts

5 of Hearts

Queen of Spades

5 of Clubs

7 of Clubs

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 1 points.

Sharon's cards:

6 of Spades

King of Hearts

Queen of Diamonds

Ace of Diamonds

2 of Clubs

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 6 of Hearts

Player 2 flipped a: 6 of Spades

It's a tie. We have a draw!

Sherika: 0 points.

Sharon: 1 points.

Here is each player's hand:

Player 1:

Sherika has 0 points.

Sherika's cards:

5 of Hearts

Queen of Spades

5 of Clubs

7 of Clubs

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 1 points.

Sharon's cards:

King of Hearts

Queen of Diamonds

Ace of Diamonds

2 of Clubs

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 5 of Hearts

Player 2 flipped a: King of Hearts

Sherika: 0 points.

Sharon: 2 points.

Here is each player's hand:

Player 1:

Sherika has 0 points.

Sherika's cards:

Queen of Spades

5 of Clubs

7 of Clubs

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 2 points.

Sharon's cards:

Queen of Diamonds

Ace of Diamonds

2 of Clubs

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: Queen of Spades

Player 2 flipped a: Queen of Diamonds

It's a tie. We have a draw!

Sherika: 0 points.

Sharon: 2 points.

Here is each player's hand:

Player 1:

Sherika has 0 points.

Sherika's cards:

5 of Clubs

7 of Clubs

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 2 points.

Sharon's cards:

Ace of Diamonds

2 of Clubs

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 5 of Clubs

Player 2 flipped a: Ace of Diamonds

Sherika: 0 points.

Sharon: 3 points.

Here is each player's hand:

Player 1:

Sherika has 0 points.

Sherika's cards:

7 of Clubs

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 3 points.

Sharon's cards:

2 of Clubs

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 7 of Clubs

Player 2 flipped a: 2 of Clubs

Sherika: 1 points.

Sharon: 3 points.

Here is each player's hand:

Player 1:

Sherika has 1 points.

Sherika's cards:

4 of Hearts

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 3 points.

Sharon's cards:

5 of Spades

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 4 of Hearts

Player 2 flipped a: 5 of Spades

Sherika: 1 points.

Sharon: 4 points.

Here is each player's hand:

Player 1:

Sherika has 1 points.

Sherika's cards:

3 of Diamonds

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 4 points.

Sharon's cards:

9 of Clubs

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 3 of Diamonds

Player 2 flipped a: 9 of Clubs

Sherika: 1 points.

Sharon: 5 points.

Here is each player's hand:

Player 1:

Sherika has 1 points.

Sherika's cards:

8 of Hearts

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 5 points.

Sharon's cards:

3 of Clubs

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 8 of Hearts

Player 2 flipped a: 3 of Clubs

Sherika: 2 points.

Sharon: 5 points.

Here is each player's hand:

Player 1:

Sherika has 2 points.

Sherika's cards:

10 of Clubs

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 5 points.

Sharon's cards:

2 of Diamonds

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 10 of Clubs

Player 2 flipped a: 2 of Diamonds

Sherika: 3 points.

Sharon: 5 points.

Here is each player's hand:

Player 1:

Sherika has 3 points.

Sherika's cards:

Jack of Clubs

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 5 points.

Sharon's cards:

8 of Diamonds

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: Jack of Clubs

Player 2 flipped a: 8 of Diamonds

Sherika: 4 points.

Sharon: 5 points.

Here is each player's hand:

Player 1:

Sherika has 4 points.

Sherika's cards:

7 of Hearts

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 5 points.

Sharon's cards:

9 of Spades

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 7 of Hearts

Player 2 flipped a: 9 of Spades

Sherika: 4 points.

Sharon: 6 points.

Here is each player's hand:

Player 1:

Sherika has 4 points.

Sherika's cards:

4 of Diamonds

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 6 points.

Sharon's cards:

3 of Hearts

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 4 of Diamonds

Player 2 flipped a: 3 of Hearts

Sherika: 5 points.

Sharon: 6 points.

Here is each player's hand:

Player 1:

Sherika has 5 points.

Sherika's cards:

Ace of Spades

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 6 points.

Sharon's cards:

10 of Hearts

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: Ace of Spades

Player 2 flipped a: 10 of Hearts

Sherika: 6 points.

Sharon: 6 points.

Here is each player's hand:

Player 1:

Sherika has 6 points.

Sherika's cards:

Jack of Spades

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 6 points.

Sharon's cards:

King of Clubs

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: Jack of Spades

Player 2 flipped a: King of Clubs

Sherika: 6 points.

Sharon: 7 points.

Here is each player's hand:

Player 1:

Sherika has 6 points.

Sherika's cards:

Ace of Clubs

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 7 points.

Sharon's cards:

Ace of Hearts

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: Ace of Clubs

Player 2 flipped a: Ace of Hearts

It's a tie. We have a draw!

Sherika: 6 points.

Sharon: 7 points.

Here is each player's hand:

Player 1:

Sherika has 6 points.

Sherika's cards:

King of Spades

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 7 points.

Sharon's cards:

Queen of Clubs

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: King of Spades

Player 2 flipped a: Queen of Clubs

Sherika: 7 points.

Sharon: 7 points.

Here is each player's hand:

Player 1:

Sherika has 7 points.

Sherika's cards:

4 of Clubs

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 7 points.

Sharon's cards:

4 of Spades

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 4 of Clubs

Player 2 flipped a: 4 of Spades

It's a tie. We have a draw!

Sherika: 7 points.

Sharon: 7 points.

Here is each player's hand:

Player 1:

Sherika has 7 points.

Sherika's cards:

10 of Diamonds

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 7 points.

Sharon's cards:

10 of Spades

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 10 of Diamonds

Player 2 flipped a: 10 of Spades

It's a tie. We have a draw!

Sherika: 7 points.

Sharon: 7 points.

Here is each player's hand:

Player 1:

Sherika has 7 points.

Sherika's cards:

8 of Clubs

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 7 points.

Sharon's cards:

King of Diamonds

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 8 of Clubs

Player 2 flipped a: King of Diamonds

Sherika: 7 points.

Sharon: 8 points.

Here is each player's hand:

Player 1:

Sherika has 7 points.

Sherika's cards:

8 of Spades

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 8 points.

Sharon's cards:

9 of Diamonds

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 8 of Spades

Player 2 flipped a: 9 of Diamonds

Sherika: 7 points.

Sharon: 9 points.

Here is each player's hand:

Player 1:

Sherika has 7 points.

Sherika's cards:

Queen of Hearts

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 9 points.

Sharon's cards:

3 of Spades

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: Queen of Hearts

Player 2 flipped a: 3 of Spades

Sherika: 8 points.

Sharon: 9 points.

Here is each player's hand:

Player 1:

Sherika has 8 points.

Sherika's cards:

5 of Diamonds

7 of Diamonds

Player 2:

Sharon has 9 points.

Sharon's cards:

7 of Spades

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 5 of Diamonds

Player 2 flipped a: 7 of Spades

Sherika: 8 points.

Sharon: 10 points.

Here is each player's hand:

Player 1:

Sherika has 8 points.

Sherika's cards:

7 of Diamonds

Player 2:

Sharon has 10 points.

Sharon's cards:

6 of Diamonds

It's time to flip your cards!

Player 1 flipped a: 7 of Diamonds

Player 2 flipped a: 6 of Diamonds

Sherika: 9 points.

Sharon: 10 points.

Here is each player's hand:

Player 1:

Sherika has 9 points.

Sherika has no cards

Player 2:

Sharon has 10 points.

Sharon has no cards

Player 2 wins with 10 points!

**URL to GitHub Repository:**

[**https://github.com/azshjones12/Week-6-Final-Project.git**](https://github.com/azshjones12/Week-6-Final-Project.git)