Interview Coding Test

Create a deck of cards which will be shuffled and sorted.

Goals:

- Create a "Card" object with fields for "Suit" and "Rank"
- Populate a List<Card> with all 52 cards
- Print the size of the deck to the console
- Shuffle the deck
  - Should be in a completely random order that would change every time the program is ran
- Print the deck of cards to the console
  - Should print with the rank followed by the suit (i.e. FOUR of SPADES)
- Sort the deck of cards by rank (ignoring suit) and print to the console
  - TWO is the smallest card, ACE is the largest card
- Sort the deck of cards by suit first and then rank; print to the console
  - Similar to opening a fresh pack of cards
- Time: 1 hour

Sample Output:

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52 cards in a deck.

Shuffled Deck:
ACE of SPADES
NINE of HEARTS
NINE of DIAMONDS
FIVE of SPADES
JACK of HEARTS
TEN of DIAMONDS
…

Sorted by Rank:
TWO of DIAMONDS
TWO of HEARTS
TWO of CLUBS
TWO of SPADES
THREE of CLUBS
THREE of DIAMONDS
…

Sorted by Suit and Rank:
TWO of CLUBS
THREE of CLUBS
FOUR of CLUBS
FIVE of CLUBS
SIX of CLUBS
SEVEN of CLUBS
…
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