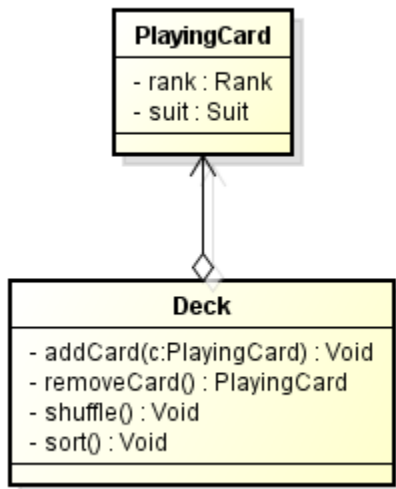


Enumeration exercise



1. Rank and Suit are enumerations. Rank contains all the possible ranks of a card (TWO, THREE, FOUR....KING, ACE), Suit contains all the possible suits of a card (CLUBS, DIAMONDS, SPADES, HEARTS).
2. Deck contains an array of PlayingCards. Shuffle method shuffles the deck, sort method sorts the deck, cards are sorted after suit and rank.
3. Add all the 52 cards in the deck.
4. Implement War game ([http://en.wikipedia.org/wiki/War_\(card_game\)](http://en.wikipedia.org/wiki/War_(card_game))) for 4 players. Shuffle the deck, create a deck for each player and follow the rules. Stop the game when a player loses all his cards.
5. Count the number of moves a game takes to finish. Play the game 10 times and write the minimum, maximum and mean number of moves.