

```

package week05;

public class deck {

    List<Card> cards = new ArrayList<Card>();
    Deck () {
        String[] suits = {"Hearts", "Clubs", "Spades",
"Diamonds"};
        String[] numbers = {"Two", "Three", "Four", "Five",
"Six", "Seven",
                                "Eight",
"Nine", "Ten", "Jack", "Queen", "King", "Ace"};

        for (String suit : suits) {

            int count = 2;
            for (String numberName : numbers) {
                cards.add(new Card(numberName, suit,
count));
                count++;
            }
        }

        public List<Card> getCards() {
            return cards;
        }

        public void setCards(List<Card> cards) {
            this.cards = cards;
        }

        public void describe() {
            for (Card card : this.cards) {
                card.describe();
            }
        }
    }
}

```

```
public void shuffle() {  
    Collections.shuffle(this.cards);  
}  
public Card draw() {  
    Card card = this.cards.remove(0);  
    return card;  
}  
}
```