

```

1 package cardManagement;
2
3 import java.util.List;
4 import java.util.Random;
5 import java.util.ArrayList;
6 import java.util.Collections;
7 import cardManagement.Card.Suit;
8 import cardManagement.Card.Rank;
9
10 public class Deck {
11     private static List<Card> cardDeck = new ArrayList<Card>();
12
13     static {
14         for(Suit curSuit: Suit.values()) {
15             for(Rank curRank : Rank.values()) {
16                 cardDeck.add(new Card(curSuit, curRank));
17             }
18         }
19     }
20
21     public void setSize(int n) {
22         for(int i = 0; i <= n; i++) {
23             cardDeck.remove(0);
24         }
25     }
26     //return size of deck
27     public int deckSize() {
28         return cardDeck.size();
29     }
30
31     public Card dealCard() {
32         Card crd = cardDeck.get(0);
33         cardDeck.remove(0);
34         return crd;
35     }
36
37     //add card to deck
38     public void addCard(Card card) {
39         cardDeck.add(card);
40     }
41
42     public List<Card> shuffleDeck(int seed) {
43         Collections.shuffle(cardDeck, new Random(seed));
44         return cardDeck;
45     }
46
47     public static List<Card> getDeck(){
48         return cardDeck;
49     }
50
51     //for testing
52     public String toString() {
53         for(Card element : cardDeck) {
54             System.out.println(element.toString());
55         }
56         return "done";
57     }
58 }

```