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```java
//Card.java
public class Card{
  private int value;
  private String suit;

  public Card(int value, String suit){
    this.value = value;
    this.suit = suit;
  }

  public int getValue(){
    return value;
  }

  public String getSuit(){
    return suit;
  }

  public void setSuit(String suit){
    this.suit = suit;
  }

  public void setalue(int value){
    this.value = value;
  }

  public String toString(){
    return value + " of " + suit;
  }
}
```

```java
import java.util.*;

public class Deck {
    private ArrayList<Card> cards;

    public Deck() {
        this.cards = new ArrayList<Card>();

        String[] values = {"A", "2", "3", "4", "5", "6", "7", "8", "9", "10",
"J", "Q", "K"};
        String[] suits = {"Hearts", "Diamonds", "Clubs", "Spades"};
        for (int i = 0; i < suits.length; i++) {
            for (int j = 0; j < values.length; j++) {
                this.cards.add(new Card(j + 1, suits[i]));
            }
        }
        Collections.shuffle(this.cards);
```

```
    }

    public ArrayList<Card> getDeck() {
        return cards;
    }

    public Card getCard() {
        return cards.get(0);
    }
}
```

```
//Main.java
public class Main {
    public static void main(String[] args) {
      Deck deck = new Deck();
      System.out.println(deck.getDeck());
      System.out.println(deck.getCard());
    }
  }
```

Output :

```
[12 of Clubs, 5 of Clubs, 7 of Hearts, 3 of Diamonds, 10 of Spades, 7 of Spades, 13 of Hearts, 2 of Spades, 4 of Clubs, 8 of Clubs, 7 of Clubs, 8 of Diamonds, 9
 of Hearts, 1 of Diamonds, 5 of Hearts, 1 of Spades, 4 of Spades, 11 of Hearts, 2 of Hearts, 3 of Spades, 2 of Clubs, 8 of Hearts, 9 of Spades, 13 of Spades, 2
of Diamonds, 13 of Diamonds, 8 of Spades, 4 of Hearts, 12 of Hearts, 11 of Diamonds, 1 of Hearts, 13 of Clubs, 10 of Hearts, 6 of Spades, 9 of Diamonds, 5 of Di
amonds, 6 of Diamonds, 10 of Diamonds, 11 of Spades, 6 of Clubs, 3 of Clubs, 6 of Hearts, 11 of Clubs, 9 of Clubs, 3 of Hearts, 5 of Spades, 10 of C
lubs, 12 of Spades, 7 of Diamonds, 12 of Diamonds, 4 of Diamonds]
12 of Clubs
PS C:\Users\Suyash Tambe\Desktop\PIJ>
```

Github link: https://github.com/suyashtambe/PIJ