

```

1 package cardManagement;
2
3 public class Card {
4     public enum Suit{
5         SPADES, HEARTS, DIAMONDS, CLUBS
6     }
7
8     public enum Rank{
9         ACE, KING, QUEEN, JACK, TEN, NINE, EIGHT, SEVEN, SIX, FIVE, FOUR, THREE, TWO
10    }
11
12    private Suit suit;
13    private Rank rank;
14    private int cValue;
15
16    public Card(Suit suit, Rank rank) {
17        this.suit = suit;
18        this.rank = rank;
19        setValue();
20    }
21
22    public int getValue() {
23        return this.cValue;
24    }
25
26    private void setValue(){
27        switch(this.rank) {
28            case ACE:
29                this.cValue = 14;
30                return;
31            case KING:
32                this.cValue = 13;
33                return;
34            case QUEEN:
35                this.cValue = 12;
36                return;
37            case JACK:
38                this.cValue = 11;
39                return;
40            case TEN:
41                this.cValue = 10;
42                return;
43            case NINE:
44                this.cValue = 9;
45                return;
46            case EIGHT:
47                this.cValue = 8;
48                return;
49            case SEVEN:
50                this.cValue = 7;
51                return;
52            case SIX:
53                this.cValue = 6;
54                return;
55            case FIVE:
56                this.cValue = 5;
57                return;
58            case FOUR:
59                this.cValue = 4;
60                return;
61            case THREE:
62                this.cValue = 3;
63                return;
64            default:
65                this.cValue = 2;
66                return;
67        }
68    }
69
70    public String toString() {
71        return rank + " of " + suit;
72    }
73 }

```