

```

1 public class CardTest
2 {
3     public static void main(String[] args)
4     {
5         // creates new Card objects
6         Card one = new Card(0, 0);
7         Card two = new Card(3, 2);
8         Card three = new Card(9, 3);
9         Card four = new Card(10, 1);
10        Card five = new Card(11, 3);
11        Card six = new Card(12, 0);
12        try {
13            Card seven = new Card(15, 0);
14            System.out.println(seven.toString());
15        }
16        catch (ArrayIndexOutOfBoundsException e) {
17            System.out.println("\nArrayIndexOutOfBoundsException error caught.");
18            System.out.println("Tried to create card with rank index 15 which is out of range.");
19        }
20
21        try {
22            Card eight = new Card(9, -1);
23            System.out.println(eight.toString());
24        }
25        catch (ArrayIndexOutOfBoundsException e) {
26            System.out.println("\nArrayIndexOutOfBoundsException error caught.");
27            System.out.println("Tried to create card with suit index -1 which is out of range.\n");
28        }
29
30
31        // displays all information about each Card objects
32        System.out.println("Properties of card one: " + one.toString());
33        System.out.println("Point value of card one: " + one.getRankValue());
34        System.out.println();
35
36        System.out.println("Properties of card two: " + two.toString());
37        System.out.println("Point value of card two: " + two.getRankValue());
38        System.out.println();
39
40        System.out.println("Properties of card three: " + three.toString());
41        System.out.println("Point value of card three: " + three.getRankValue());
42        System.out.println();
43
44        System.out.println("Properties of card four: " + four.toString());
45        System.out.println("Point value of card four: " + four.getRankValue());
46        System.out.println();
47
48        System.out.println("Properties of card five: " + five.toString());
49        System.out.println("Point value of card five: " + five.getRankValue());
50        System.out.println();
51
52        System.out.println("Properties of card six: " + six.toString());
53        System.out.println("Point value of card six: " + six.getRankValue());
54        System.out.println();
55
56        System.out.println("Does " + one.toString() + " and " + two.toString() + " equal eleven: " +
57        one.equalEleven(two));
58        System.out.println("Does " + one.toString() + " and " + three.toString() + " equal eleven: " +
59        + one.equalEleven(three));
60        System.out.println("Does " + four.toString() + " and " + five.toString() + " equal eleven: " +
61        + four.equalEleven(five));
62        System.out.println();
63
64        System.out.println("Are the " + two.toString() + ", " + four.toString() + " and " + six.
65        toString()
66        + " a jack, queen, king combination: " + two.equalJQK(four, six));
67        System.out.println("Are the " + three.toString() + ", " + six.toString() + " and " + six.
68        toString()
69        + " a jack, queen, king combination: " + three.equalJQK(six, six));
70        System.out.println("Are the " + six.toString() + ", " + four.toString() + " and " + five.
71        toString()
72        + " a jack, queen, king combination: " + six.equalJQK(four, five));
73    }
74 }

```