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Questions for Project 6 Eleven

Activity 1: (No questions)

Activity 2:

1. Explain in your own words the relationship between a deck and a card.

The deck object is made from many card objects. Each card object has a rank, suit, and value and the deck contains one of each possible card.

2. Consider the deck initialized with the statements below. How many cards does the deck contain?

```
String[] ranks = {"jack", "queen", "king"};

String[] suits = {"blue", "red"};

int[] pointValues = {11, 12, 13};

Deck d = new Deck(ranks, suits, pointValues);
```

The deck contains six cards.

3. The game of Twenty-One is played with a deck of 52 cards. Ranks run from ace (highest) down to 2 (lowest). Suits are spades, hearts, diamonds, and clubs as in many other games. A face card has point value 10; an ace has point value 11; point values for 2, …, 10 are 2, …, 10, respectively. Specify the contents of the ranks, suits, and pointValues arrays so that the statement: