```
import java.util.ArrayList;
public class Board {
  private Card[][] board;
  public static final int SIZE = 3;
  /**
  * Constructs a new board
  */
  public Board() {
    board = new Card[SIZE][SIZE];
  }
  /**
  * Sets a spot on the board with a given value.
  */
  public void set(int r, int c, Card card) {
    board[r][c] = card;
  }
  /**
  * Returns a list of all the cards on the board
  */
  public ArrayList<Card> getAllCards() {
    ArrayList<Card> cards = new ArrayList<>();
    for(int r = 0; r < SIZE; r++) {
      for(int c = 0; c < SIZE; c++) {
```

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cards.add(board[r][c]);
    }
  }
  return cards;
}
* Returns true if the board contains a given card
*/
public boolean contains(Card c) {
  return getAllCards().contains(c);
}
/**
* Replaces the first occurrence of oldCard with newCard
*/
public void replace(Card oldCard, Card newCard) {
  for(int r = 0; r < SIZE; r++) {
    for(int c = 0; c < SIZE; c++) {
      if (board[r][c].equals(oldCard)) {
         board[r][c] = newCard;
         return;
      }
    }
  }
}
```

```
/**
  * Returns a string representation of the board
  */
  public String toString() {
    String s = "";
    for(intr = 0; r < board.length; r++) {</pre>
      for(int c = 0; c < board[0].length; c++) {</pre>
         s += board[r][c] + " ";
      }
       if(r != board.length-1)
         s += "\n";
    }
     return s;
  }
}
```