

[PACKAGE](#) [CLASS](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

Class Card

java.lang.Object
Card

```
public class Card
extends java.lang.Object
```

The Card class outlines the behavior of a standard playing card within a deck of 52 cards. Includes characteristics such as, rank and suit of card, and also contains methods to determine if a card is a face card (Ace, Jack, Queen, King).

Since:

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Constructor Summary

Constructors

Constructor and Description

[Card\(\)](#)

Default constructor creates a card with a rank of zero and suit/face values set to "N/A".

Method Summary

All Methods Instance Methods Concrete Methods

| Modifier and Type | Method and Description |
|-------------------|---|
| java.lang.String | getFaceCard() Gets the current face card value of a card. |
| int | getRank() Gets the current rank of a standard playing card. |
| java.lang.String | getSuit() Gets the current suit of a standard playing card. |
| void | setFaceCard() Depending on the current rank of a card, assigns a specific string that represents the face card associated with the current rank's value. |
| void | setRank(int rank) |

Sets the rank of one standard playing card.

void

setSuit(java.lang.String suit)

Sets the suit of one standard playing card.

java.lang.String

toString()

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Detail

Card

public Card()

Default constructor creates a card with a rank of zero and suit/face values set to "N/A".

Method Detail

setRank

public void setRank(int rank)

Sets the rank of one standard playing card.

Parameters:

rank - - an integer representing the rank of a card.

getRank

public int getRank()

Gets the current rank of a standard playing card.

Returns:

the current rank of a card.

setSuit

public void setSuit(java.lang.String suit)

Sets the suit of one standard playing card.

Parameters:

suit - - a string representing the suit of a card.

getSuit

```
public java.lang.String getSuit()
```

Gets the current suit of a standard playing card.

Returns:

- the current suit of a card.

setFaceCard

```
public void setFaceCard()
```

Depending on the current rank of a card, assigns a specific string that represents the face card associated with the current rank's value.

getFaceCard

```
public java.lang.String getFaceCard()
```

Gets the current face card value of a card.

Returns:

- the current face card value associated with a card

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

[PACKAGE](#) [CLASS](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)