

COMP 1600 Fall 2025

Lab 6: A Deck of Cards

Due by the end of class

Your task is to print out all 52 of the cards in a standard deck of cards, in order.

A deck of cards is made up of the following four suits:

- Spades
- Hearts
- Diamonds
- Clubs

Each suit contains the following 13 ranks:

- | | |
|-------|---------|
| ▪ Ace | ▪ 8 |
| ▪ 2 | ▪ 9 |
| ▪ 3 | ▪ 10 |
| ▪ 4 | ▪ Jack |
| ▪ 5 | ▪ Queen |
| ▪ 6 | ▪ King |
| ▪ 7 | |

Specification

Create a project called `Lab6`. Add a class called `Cards`. Your program has no input, just the output shown on the next page.

You must print all the cards out, in the order of suits, with each rank ordered within each suit. You must use nested loops to accomplish this task. Hint: Loop through suits and loops through ranks. Note that, for ranks 2 through 10, you can simply print out the value of the ranks. You can handle Ace, Jack, Queen, and King as special cases.

Although you can write a program which simply prints out the above material that you have copied and pasted in, you will lose the majority of points for doing so. You **must** use nested loops.

Turn In

Turn in your code by uploading `Cards.java` from the `Lab6\src` folder wherever you created your project to [Brightspace](#). **Do not** upload the entire project. I only want the `Cards.java` file.

All work must be done individually. Never look at someone else's code. Please refer to the course policies if you have any questions about academic integrity. If you have trouble with the assignment, I am always available for assistance.

Ace of Spades
2 of Spades
3 of Spades
4 of Spades
5 of Spades
6 of Spades
7 of Spades
8 of Spades
9 of Spades
10 of Spades
Jack of Spades
Queen of Spades
King of Spades
Ace of Hearts
2 of Hearts
3 of Hearts
4 of Hearts
5 of Hearts
6 of Hearts
7 of Hearts
8 of Hearts
9 of Hearts
10 of Hearts
Jack of Hearts
Queen of Hearts
King of Hearts
Ace of Diamonds
2 of Diamonds
3 of Diamonds
4 of Diamonds
5 of Diamonds
6 of Diamonds
7 of Diamonds
8 of Diamonds
9 of Diamonds
10 of Diamonds
Jack of Diamonds
Queen of Diamonds
King of Diamonds
Ace of Clubs
2 of Clubs
3 of Clubs
4 of Clubs
5 of Clubs
6 of Clubs
7 of Clubs
8 of Clubs
9 of Clubs
10 of Clubs
Jack of Clubs
Queen of Clubs
King of Clubs

