

CS 122: Midterm Review Jeopardy Game

Hello everyone,

Welcome to the interactive Jeopardy game for our CS 122 midterm review! This application was created to provide a fun and engaging way for us to prepare together during our review session.

The questions and categories in this game are based directly on the official [CS 122 Midterm Study Guide](#). Use this game as a way to test your conceptual knowledge and identify any topics you may want to review further.

How We'll Play in Class

We will play this game together during our scheduled midterm review session.

- **Teams:** The class will be divided into two teams.
- **Gameplay:** The active team will choose a category and a point value. I will read the "answer," and the first team to buzz in must respond in the form of a question.
- **Scoring:** Correct responses earn points, while incorrect responses deduct points. The team that answers correctly gains control of the board for the next question.

Example of Gameplay:

1. **A team chooses:** "History for \$200".
2. **The host reads the clue:** "He was the first President of the United States."
3. **The team buzzes in and responds:** "Who is George Washington?"
4. **Result:** That is correct! The team earns 200 points and gets to choose the next question.

Game Categories

The 10 categories in this game correspond directly to the 10 sections in the Midterm Study Guide:

1. Introduction to Java
2. Variables, Data Types, and Input
3. Operators and Type Casting
4. Strings and Core Methods
5. Control Flow
6. Arrays
7. Methods
8. Introduction to Object-Oriented Programming (OOP)
9. The Four Pillars of OOP
10. Data & Organization

How to Use This for Your Own Study

You can play the [game](#) anytime by clicking the link. You can also use it offline by following these steps:

1. Download the [index.html](#) file from this repository.

2. Open the file in any modern web browser (like Chrome, Firefox, or Safari).
3. Play through the questions to test your knowledge.

Additional Study Resources

This game is just one part of your review. Please make sure to also:

- Thoroughly review the official [CS 122 Midterm Study Guide Repo](#).

Good luck with your studies!

Best,

Prof. Sarah L