

MakeupMidterm-Winter2021

[Table of Contents](#)

▲ Question Progress ▲

Part 10 of 10 -

Question 28 of 28

Next, you are required to code and implement the Superstack, a class that expands upon the capability of a Stack. For simplicity's sake, this class will not inherit from the **You should not import this library on Assignment 2, but it is allowed for this question on the midterm.** Some code has been provided for you in SuperStack.java a the required function. You will note, for example, that the use of 3 stacks are required in SuperStack: the default stack, the undo stack, and the redo stack.

The functions you must implement or complete for the SuperStack are:

**undo():** (6pts) This should undo the last action taken by the stack (push or pop only). If an item was pushed onto the stack, it should be popped off. If an item was popped pushed back on. To do so, you will need to store the item popped off, and that it needs to be pushed back on. See the provided code in addItem() and removeItem() for a l

**redo():** (6pts) This should keep track of the actions that have been undone, much like undo does for the default stack, and if redo is called it should undo the undo. **Hint:** 1

**toString(boolean defaultOnly):** (6pts) When set to false, this method should print the toString method for each of the 3 stacks in the SuperStack class, separated by a new line ch

Submit your answer to the class Gradescope section for the midterm; the text input box section below can be used to document difficulties with gradescope, assumptions

[SuperStack.java \(/access/content/attachment/06a7cf63-c2c0-44cc-af25-61b74408bb93/Tests%20\\_%20Quizzes/592b5f5b-3d07-4400-88d4-de4af9c90dc6/SuperStack.je](#)

[TestSuperStack.java \(/access/content/attachment/06a7cf63-c2c0-44cc-af25-61b74408bb93/Tests%20\\_%20Quizzes/fea82bd-4c79-43a1-821e-299664a20d48/TestSupe](#)

Maximum number of characters (including HTML tags added by text editor): 32,000

[Show Rich-Text Editor \(and character count\)](#)

Previous

Save

Exit

