Hands-On: Dynamic Array Resizing

This activity is designed to reinforce your understanding of the dynamic array resizing strategy used to implement the `ArrayBag` class. You should study the instructional resources on the `ArrayBag` implementation before attempting this activity.

You will need the following source code files to complete this activity.

- `Bag.java`
- `ArrayBag.java`
- `ArrayIterator.java`
- `ArrayBagClient.java`

Note: This activity utilizes jGRASP Viewers, which are available in jGRASP, IntelliJ, and Eclipse.

Dynamic Resizing

1. Open `ArrayBagClient.java`, then compile and run it. Observe the output to understand what the `main` method is doing.

2. Use breakpoints, the debugger, and jGRASP viewers to observe the array being resized as elements are added to the `ArrayBag` object.

3. Modify the `ArrayBagClient` so that elements are both added and removed from the `ArrayBag` object. Then, use breakpoints, the debugger, and jGRASP viewers to observe the array being resized.

4. Continue to experiment with the `ArrayBagClient` until you are confident that you understand the array resizing behavior.

Submission

The submission page for this activity asks you to apply your understanding of dynamic array resizing to a problem and then submit it for a grade.