13. Output from driver (I used the existing bag tester and my own to test the new class):

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Testing the Array-Based Bag:
The initial bag is empty.
isEmpty: returns 1; should be 1 (true)
The bag contains 0 items:
Add 6 items to the bag:
The bag contains 6 items:
one two three four five one
isEmpty: returns 0; should be 0 (false)
getCurrentSize: returns 6; should be 6
Try to add another entry: add("extra") returns 0
contains("three"): returns 1; should be 1 (true)
contains("ten"): returns 0; should be 0 (false)
getFrequencyOf("one"): returns 2 should be 2
remove("one"): returns 1; should be 1 (true)
getFrequencyOf("one"): returns 1 should be 1
remove("one"): returns 1; should be 1 (true)
remove("one"): returns 0; should be 0 (false)
The bag contains 4 items:
five two three four
After clearing the bag, isEmpty: returns 1; should be 1 (true)
Testing the ArrayDynamicBag. Test its features that were in ArrayBag and test
its unique features.
The initial bag is empty and has a size of 6
isEmpty: returns 1; should be 1 (true)
The bag contains 0 items:
Add 6 items to the bag:
The bag contains 6 items:
one two three four five one
isEmpty: returns 0; should be 0 (false)
getCurrentSize: returns 6; should be 6
Try to add another entry: add("extra") returns 1
contains("three"): returns 1; should be 1 (true)
contains("ten"): returns 0; should be 0 (false)
getFrequencyOf("one"): returns 2 should be 2
remove("one"): returns 1; should be 1 (true)
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getFrequencyOf("one"): returns 1 should be 1
remove("one"): returns 1; should be 1 (true)
remove("one"): returns 0; should be 0 (false)
The bag contains 5 items:
extra two three four five
After clearing the bag, isEmpty: returns 1; should be 1 (true)
Bag should be empty. isEmpty() returns 1 (should be 1).
Adding "Example" to the bag.
The bag contains 1 items:
Example
Bag now has a size of 1 (should be 1).
Adding five elements to bag.
The bag contains 6 items:
Example one two three four five
Bag now has a size of 6 (should be 6).
Adding seven elements to bag, should resize and accept new entries.
The bag contains 13 items:
Example one two three four five A B C D E F G
Bag now has a size of 13 (should be 13).
Removing first set of elements.
The bag contains 8 items:
Example G F E D C A B
Bag now has a size of 8 (should be 8).
Removing second set of elements.
The bag contains 1 items:
Example
Bag now has a size of 1 (should be 1).
Remove last element.
Bag should be empty. isEmpty() returns 1 (should be 1).
Add all elements back to ensure downsizing has worked without any weird issues.
The bag contains 12 items:
one two three four five A B C D E F G
Bag now has a size of 12 (should be 12).
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Remove all entries once again!
Bag should be empty. isEmpty() returns 1 (should be 1).
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All done!