Subject: removeDArray
Posted by bmbaker1 on Tue, 14 Mar 2017 23:09:00 GMT
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The parameter for removeDArray() in the specs is just the dynamic array to remove from. Should I assume that I am removing the last element of the array, or is there supposed to be an index to choose where I am removing from, or should there be a value to search for and remove?

Edit: Bonus Question
How are we to handle attempts to access out of bounds indices?

Subject: Re: removeDArray
Posted by SSinischo on Wed, 15 Mar 2017 02:31:21 GMT
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I think removeDArray removes the last element in the array, as apposed to getDArray, which takes an index as a parameter.

It would make sense with the example given on the assignment page, but I think there's a typo. The assignment page says:

assign3.html
For example, if the elements 5, 3, 4, 8, and 9 are inserted in the order given and then followed by two removals, the array would display as:

[5,3,4,8][4]

Shouldn't this be after one removal?

Subject: Re: removeDArray
Posted by bmbaker1 on Wed, 15 Mar 2017 10:11:12 GMT
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I didn't even notice the typo. After two removals, the array would look like:
[5,3,4][5]
assuming that we are only removing the last element in the array.

I can see the benefits of just removing the last element (O(1) deletion vs. O(n)).

Subject: Re: removeDArray
Posted by lusth on Mon, 20 Mar 2017 16:31:21 GMT
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I'll fix it for the next version.

Subject: Re: removeDArray
Posted by ccatwater on Tue, 21 Mar 2017 18:06:36 GMT
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Why is there a five in the remaining slots? Shouldn't it be empty?

Subject: Re: removeDArray
Posted by davidmccoy on Tue, 21 Mar 2017 18:17:32 GMT
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The five represents the number of empty slots, not that the remaining empty slots contain the value '5'.

Subject: Re: removeDArray
Posted by cewrobel on Wed, 22 Mar 2017 20:38:22 GMT
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How are we to handle removing from an empty array? Should we print an error message or just return 0?

Edit: I guess this kinda goes with any function that deals with the possibility of the index not existing (get and set as well).

Subject: Re: removeDArray
Posted by lusth on Thu, 23 Mar 2017 11:46:53 GMT
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If you want to detect this errors, you should print a message to stderr and exit the program.