

Removing Elements

Removing elements from a partially-filled array uses a similar algorithm.

Instead of moving a portion of the array to the right, to "open up a hole", you need to move all of the elements which are **to the right** of the deleted element leftwards to "close up the gap".

Here's a small fragment of code that does that. The variable `pos` is the location of the element you want to delete:

```
--size;
for (size_t j = pos; j < size; ++j)
{
    a[j] = a[j + 1];
}
```

Before the loop, you should decrement `size` so that when you grab `a[j + 1]`, it is a valid element when the array is already full.



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