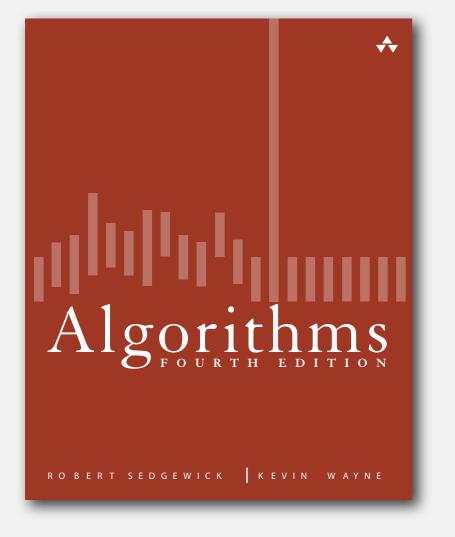
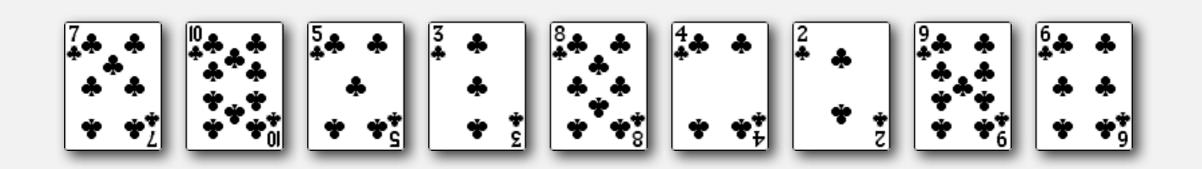
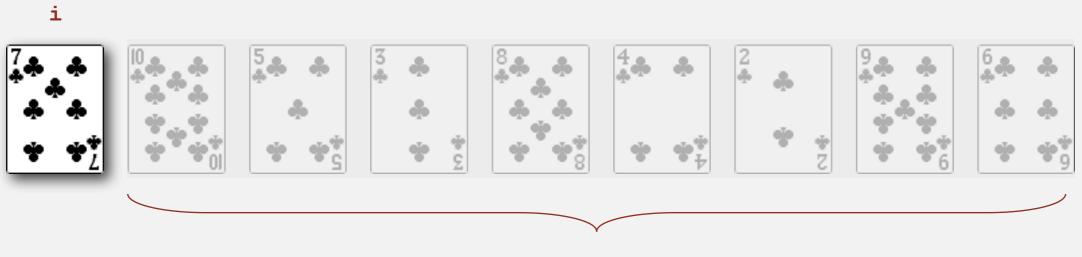
# **2.1 INSERTION SORT DEMO**



#### click to begin demo

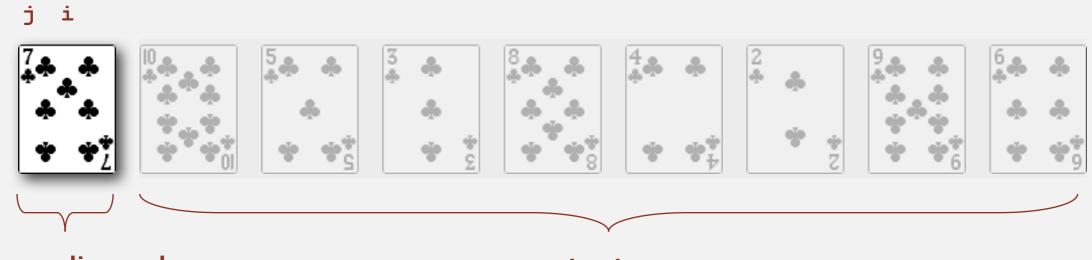
Algorithms, 4th Edition·Robert Sedgewick and Kevin Wayne·Copyright © 2002–2011·February 23, 2012 4:05:38 PM





not yet seen

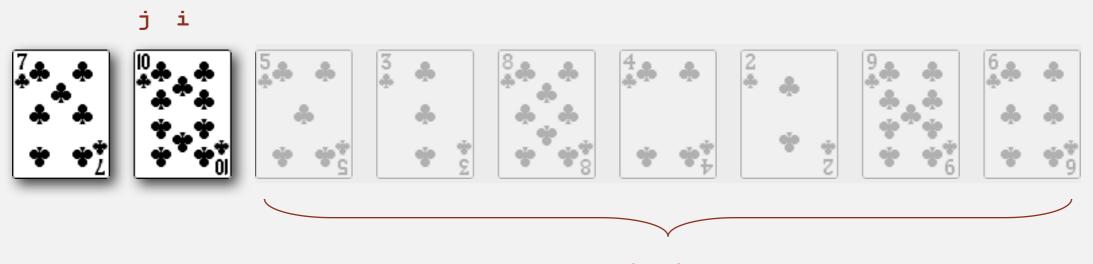
## Selection sort



in ascending order

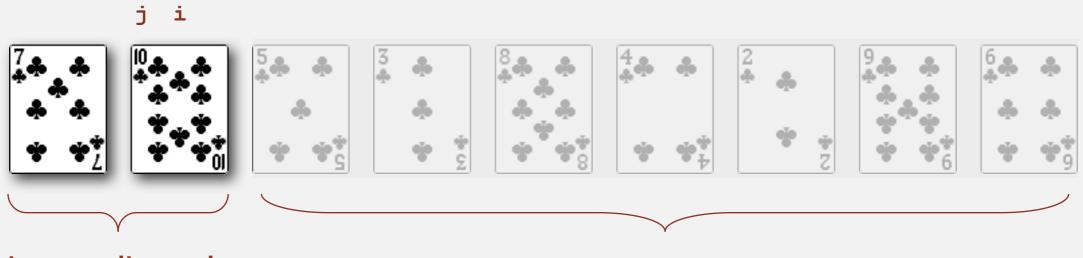


• In iteration i, swap a[i] with each larger entry to its left.



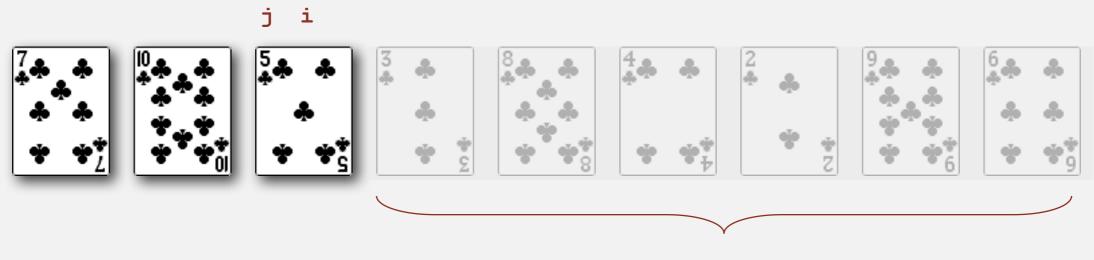
not yet seen

• In iteration i, swap a[i] with each larger entry to its left.

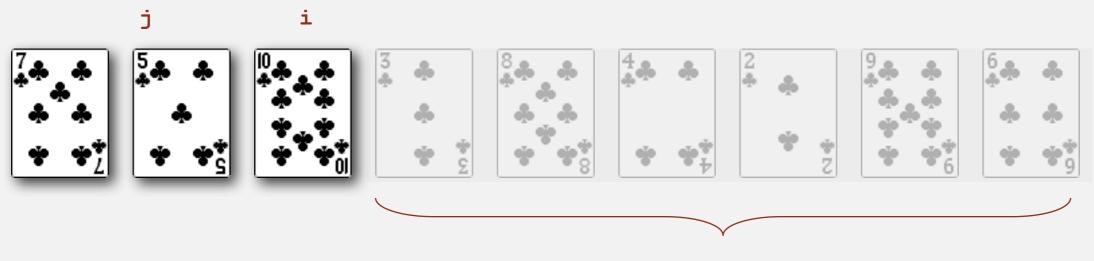


in ascending order

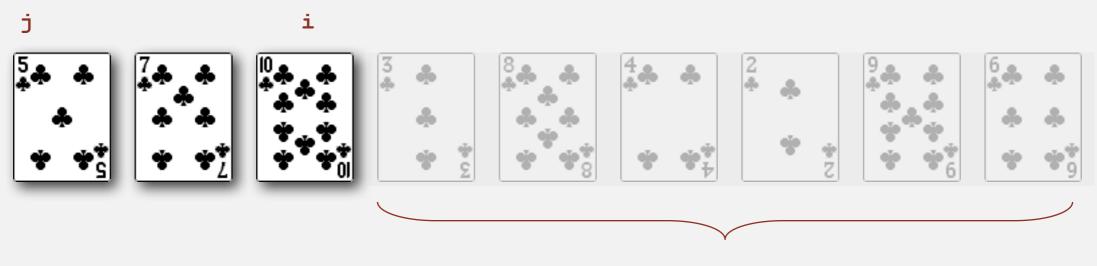




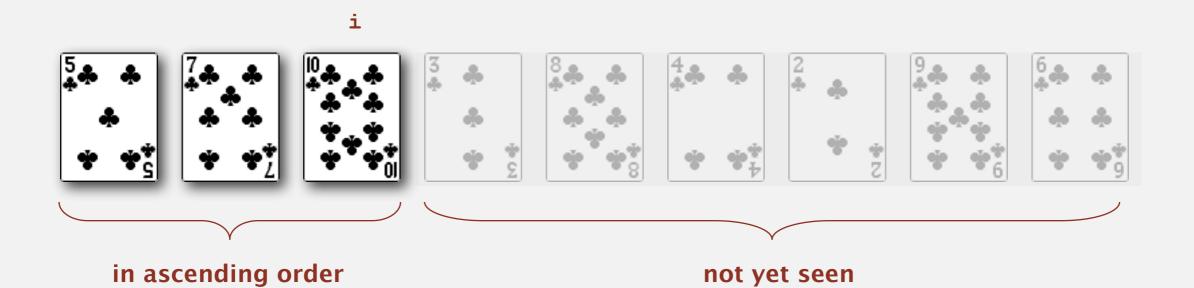
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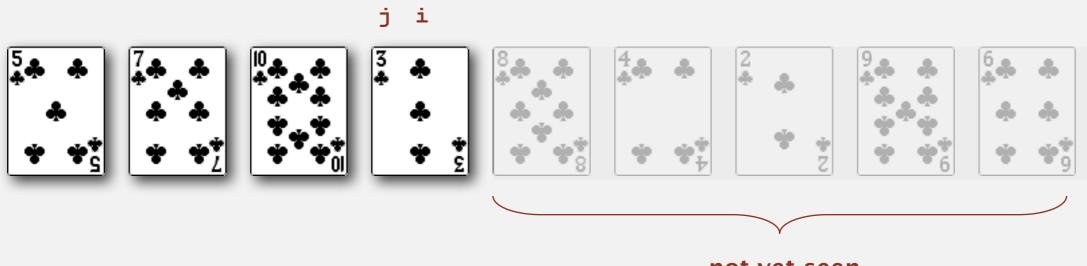
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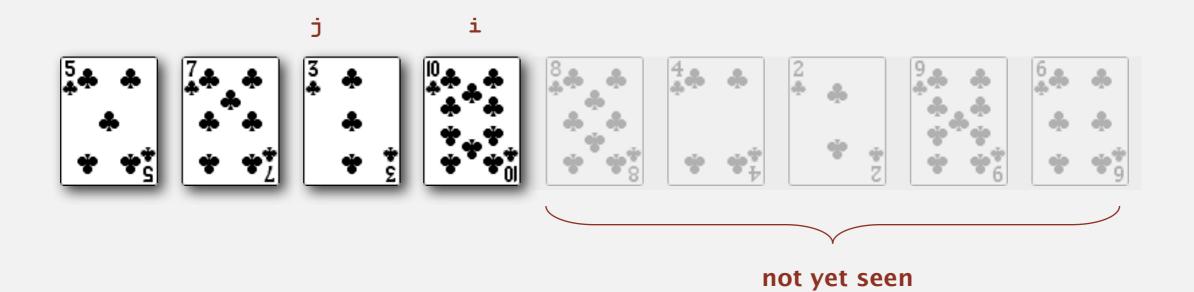
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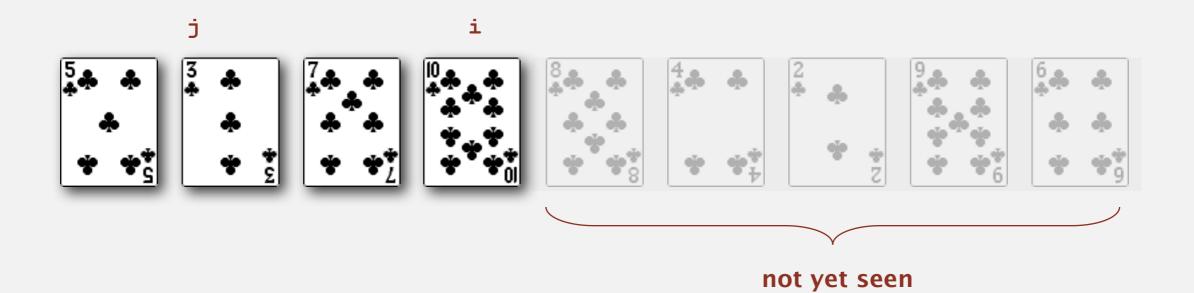


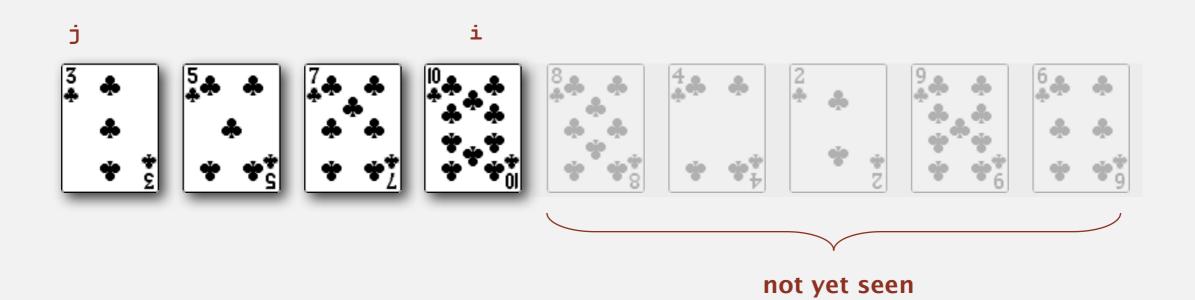
• In iteration i, swap a[i] with each larger entry to its left.

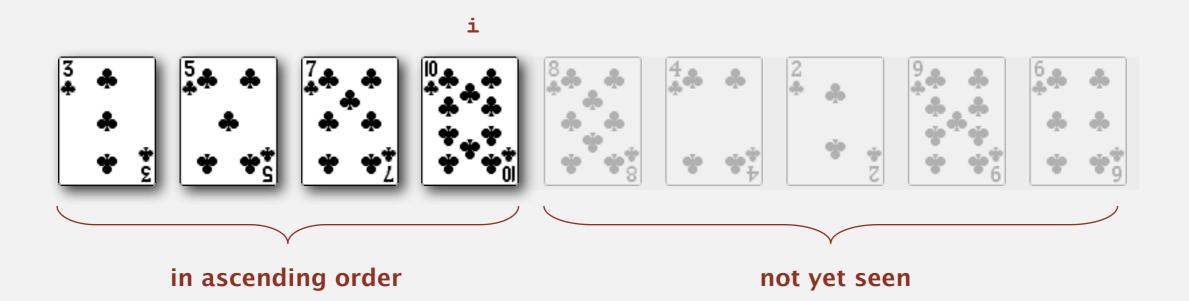


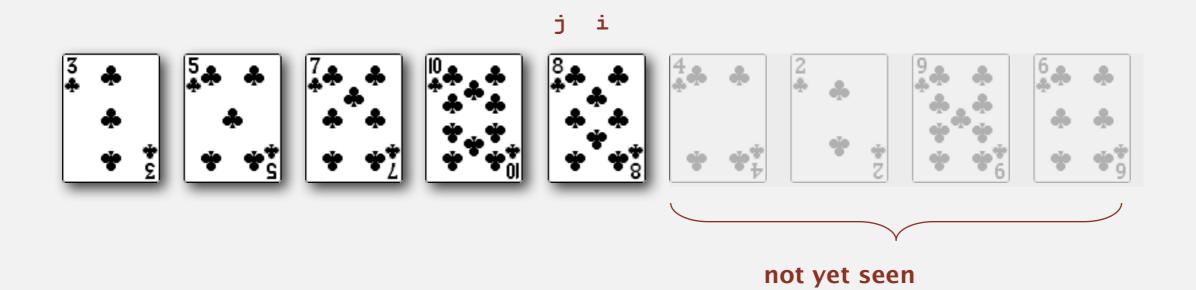
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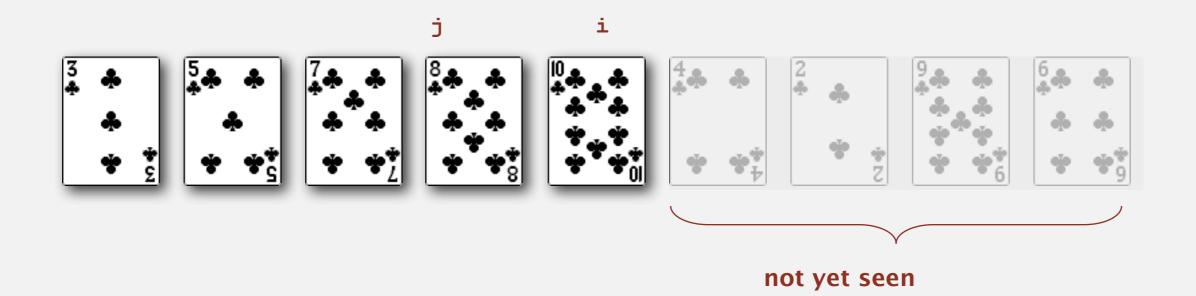


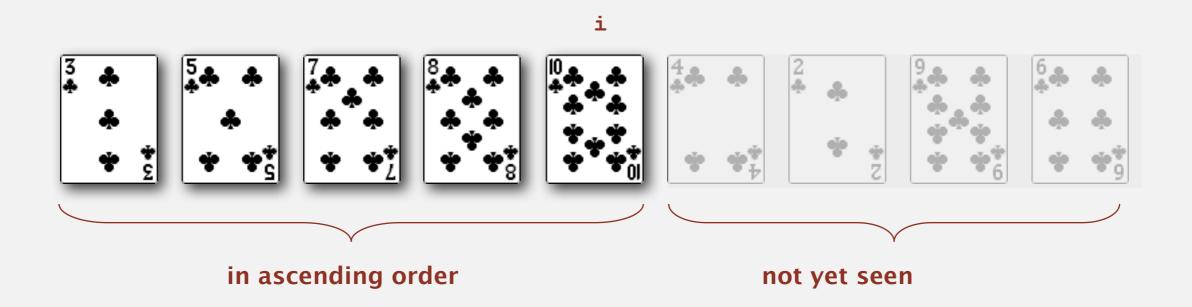


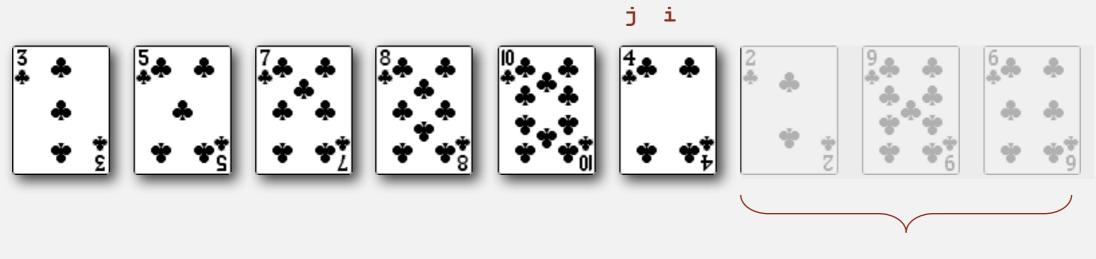




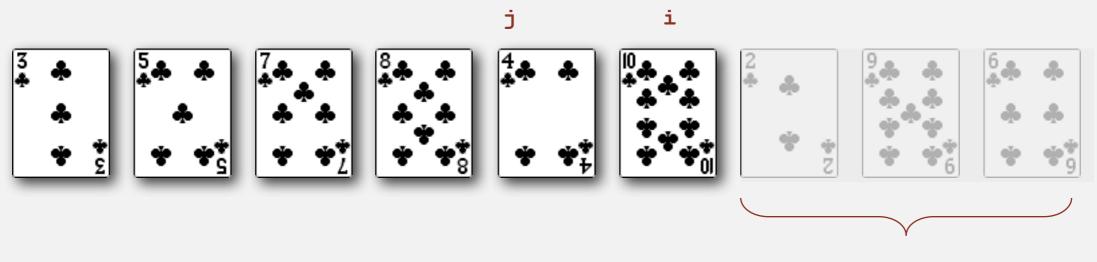




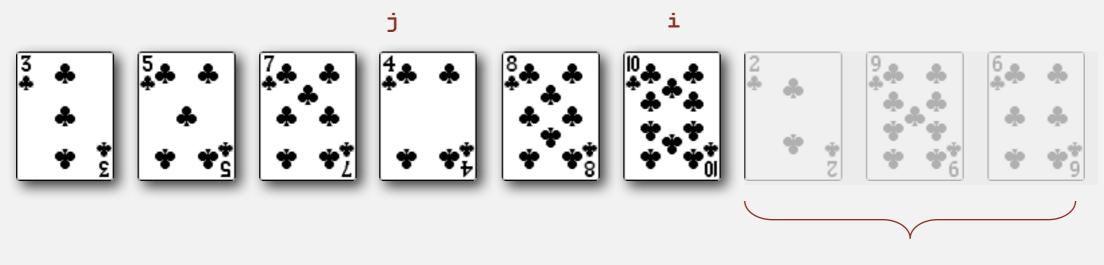




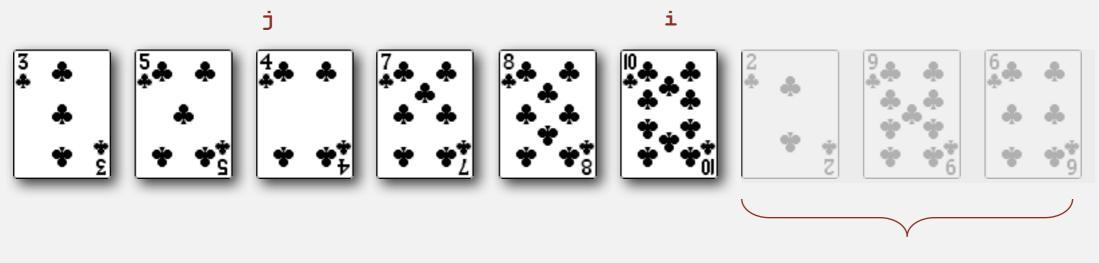
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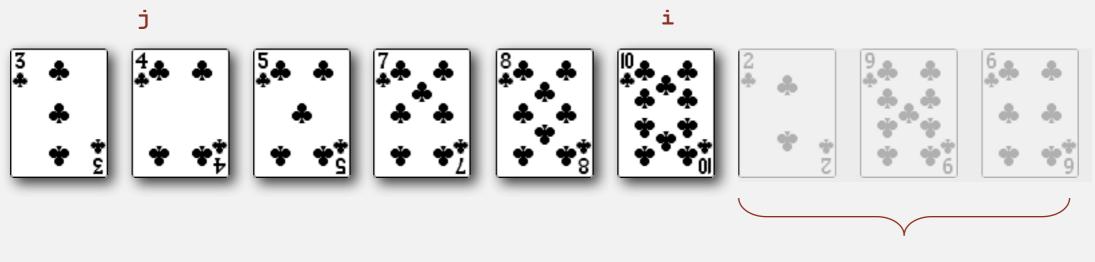
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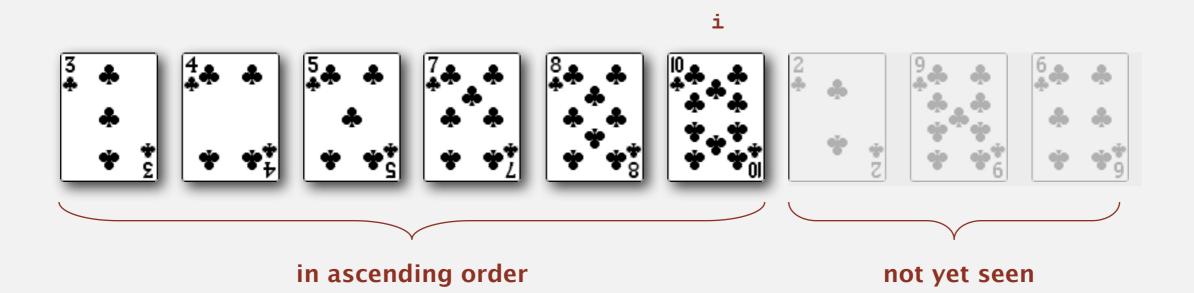
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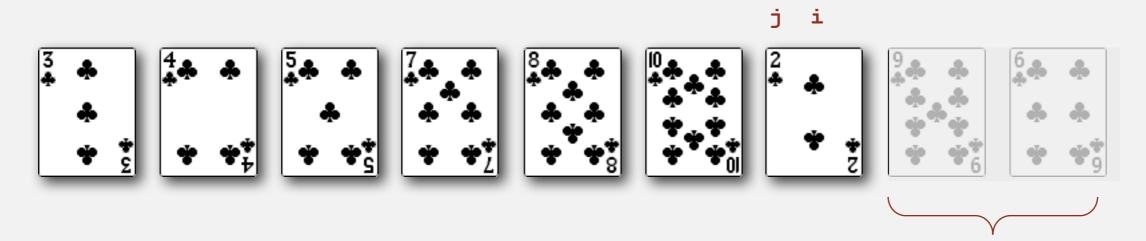


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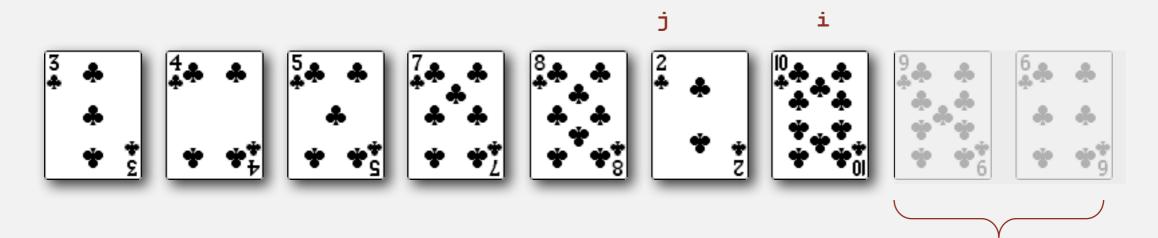


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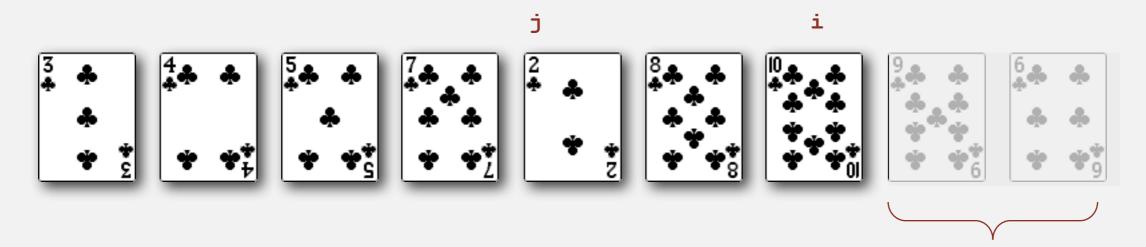




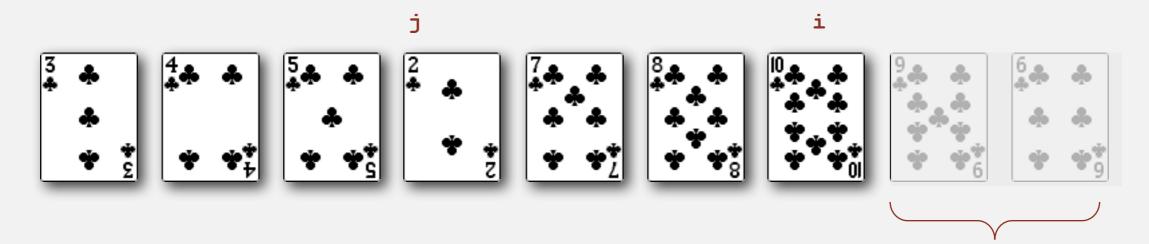
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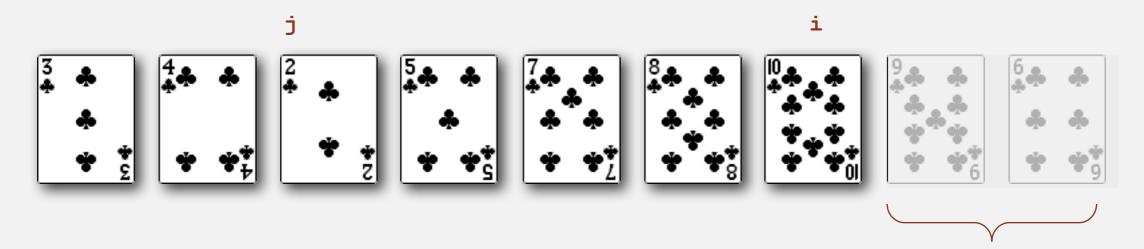
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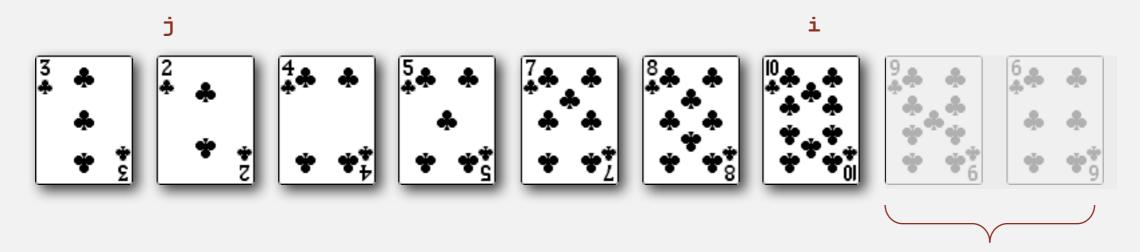
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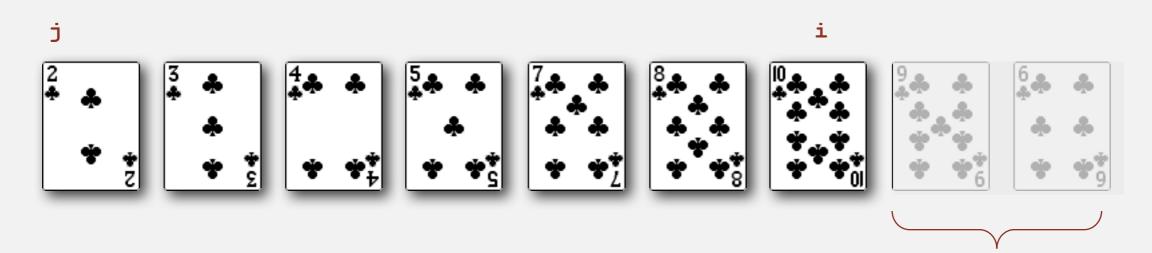
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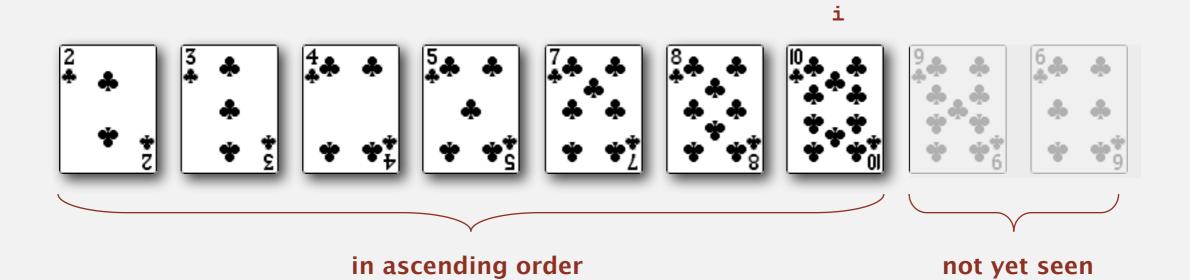
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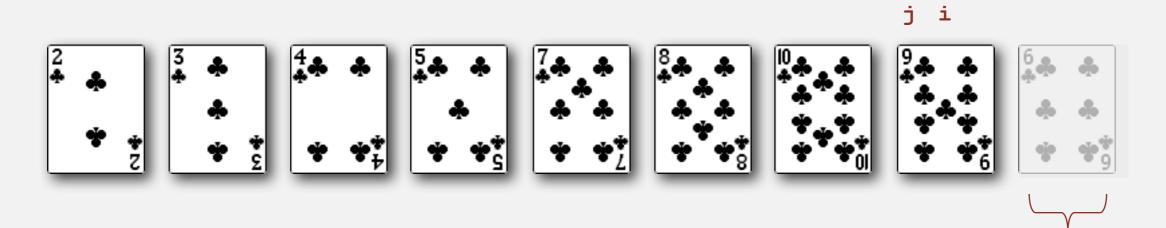


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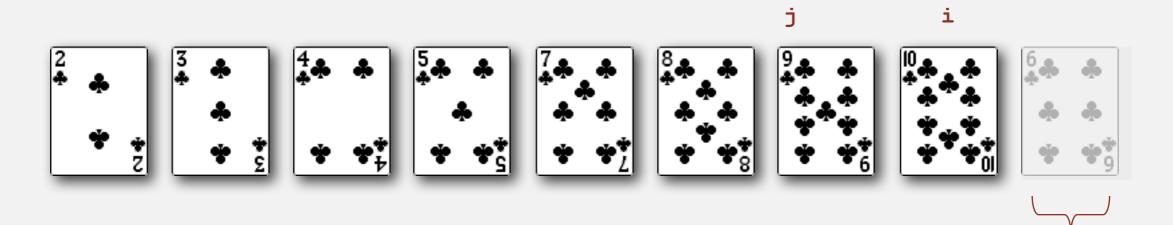


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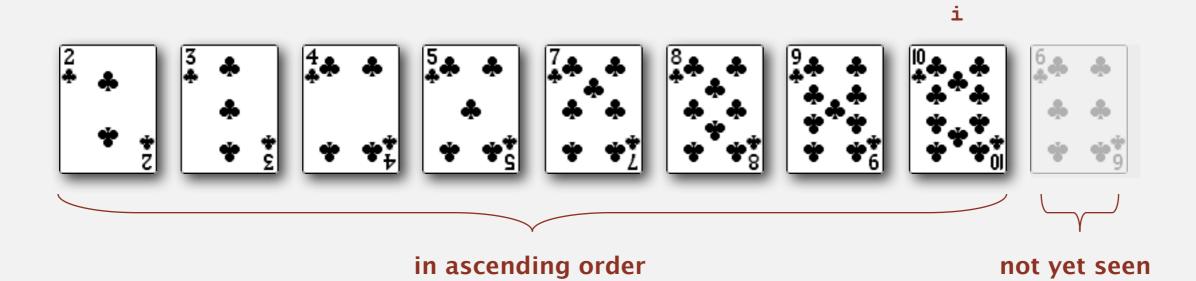


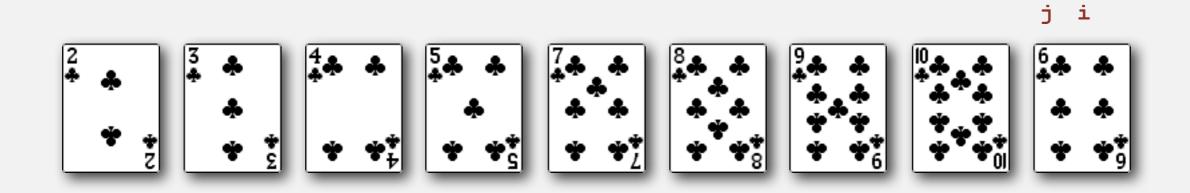


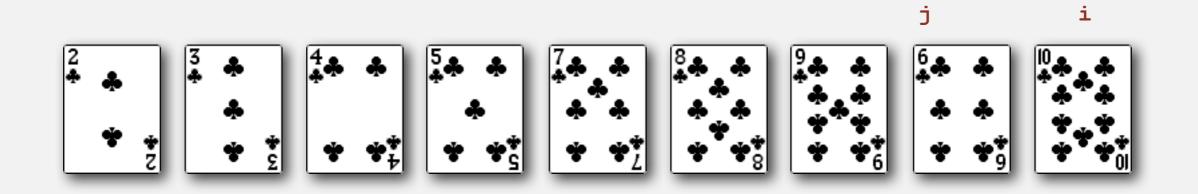
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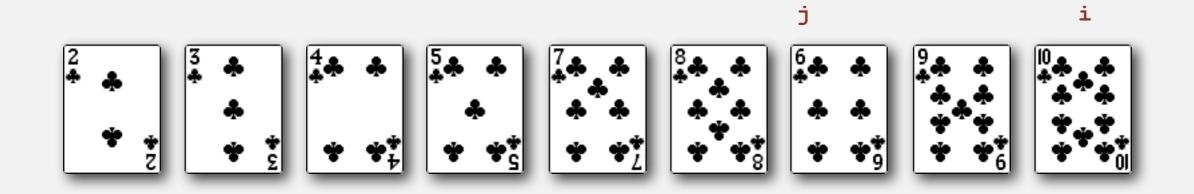


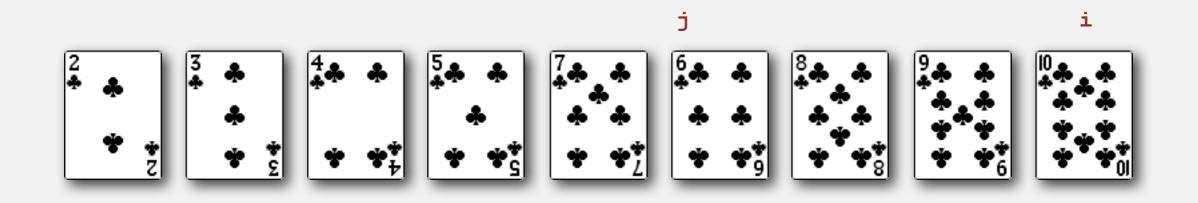
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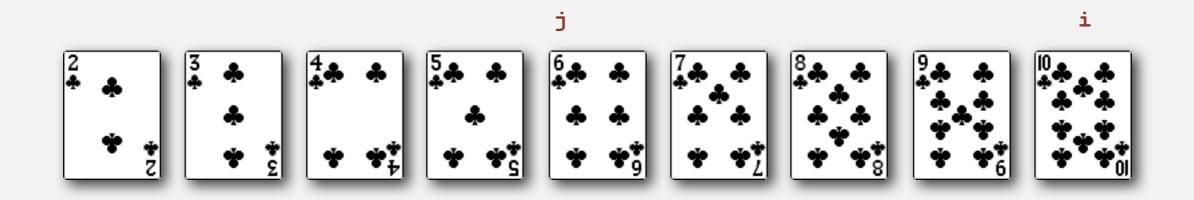




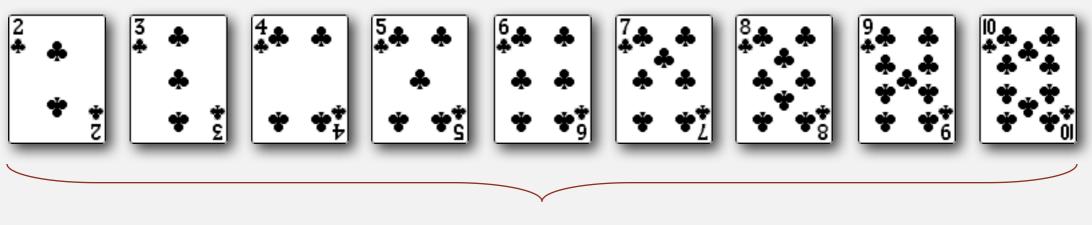








• In iteration i, swap a[i] with each larger entry to its left.



sorted