

## 2.1 SELECTION SORT DEMO

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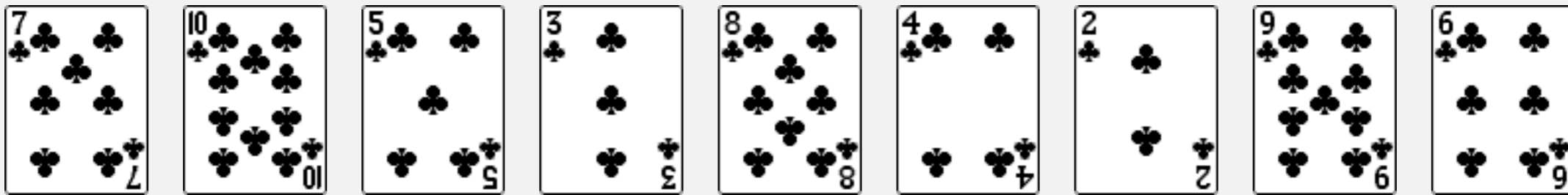


<http://algs4.cs.princeton.edu>

# Selection sort demo

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- In iteration  $i$ , find index  $\min$  of smallest remaining entry.
- Swap  $a[i]$  and  $a[\min]$ .

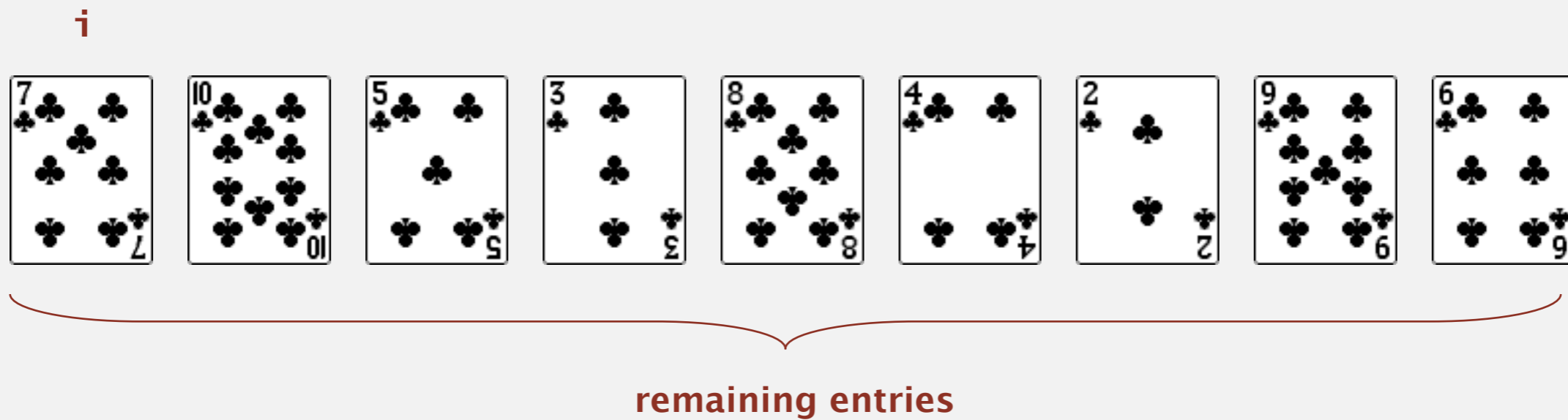


initial

# Selection sort demo

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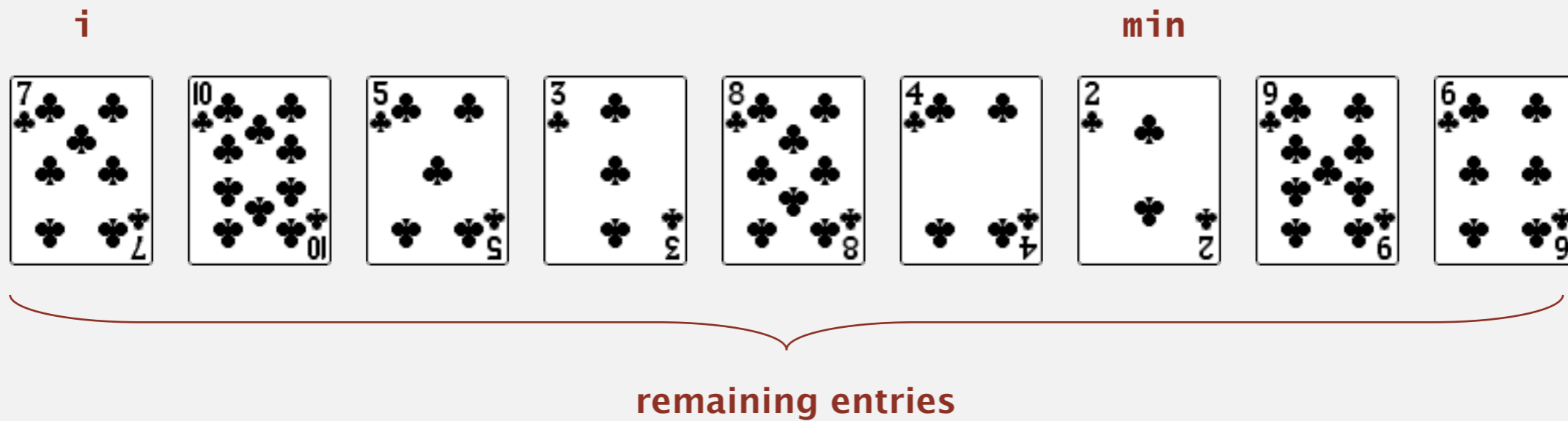
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# Selection sort demo

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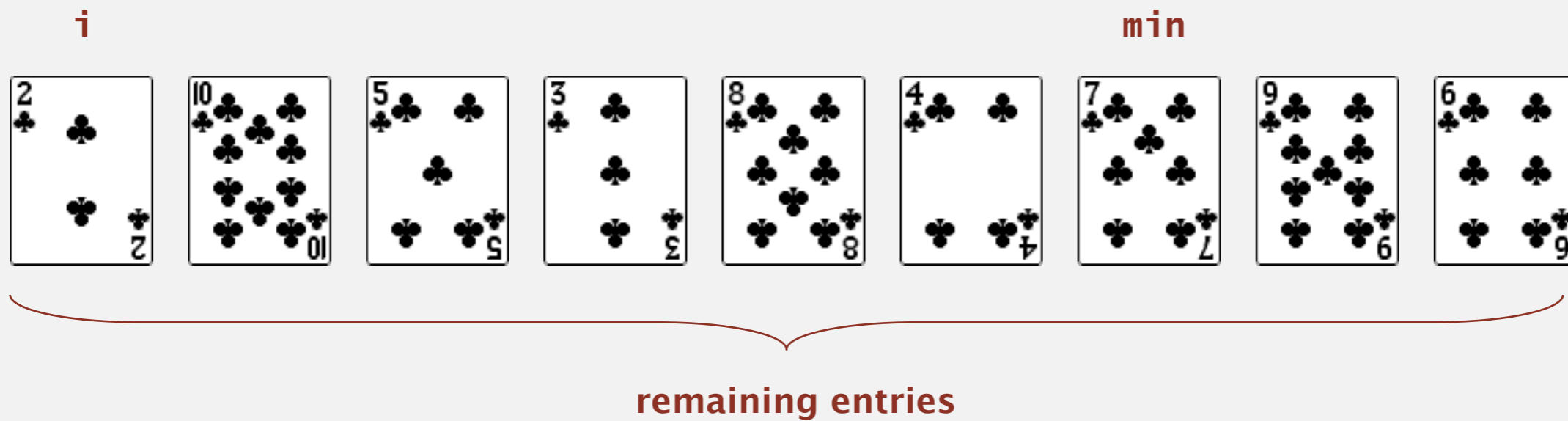
- In iteration  $i$ , find index  $\text{min}$  of smallest remaining entry.
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# Selection sort demo

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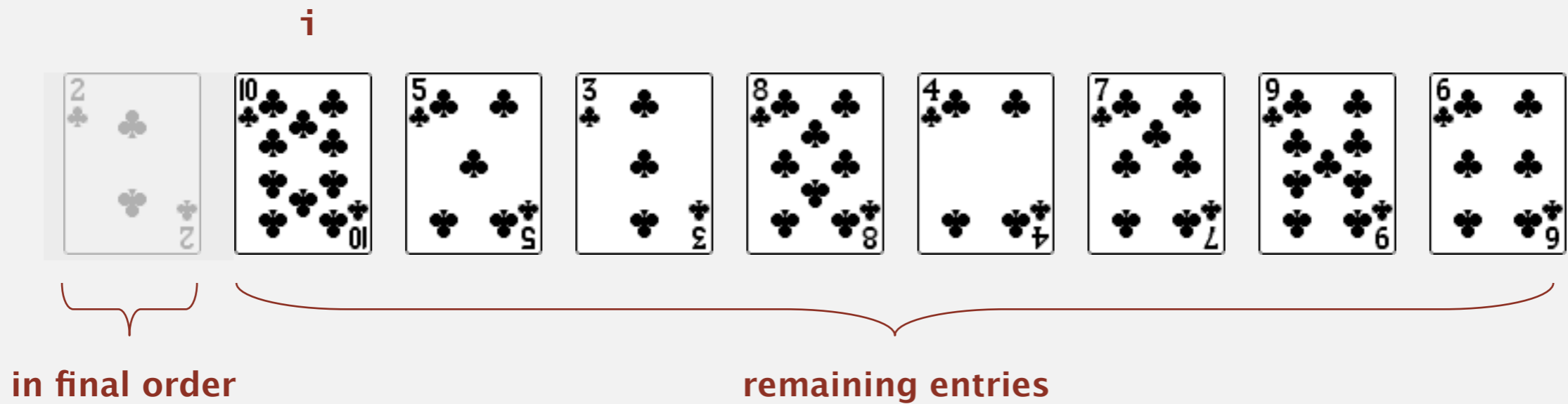
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# Selection sort demo

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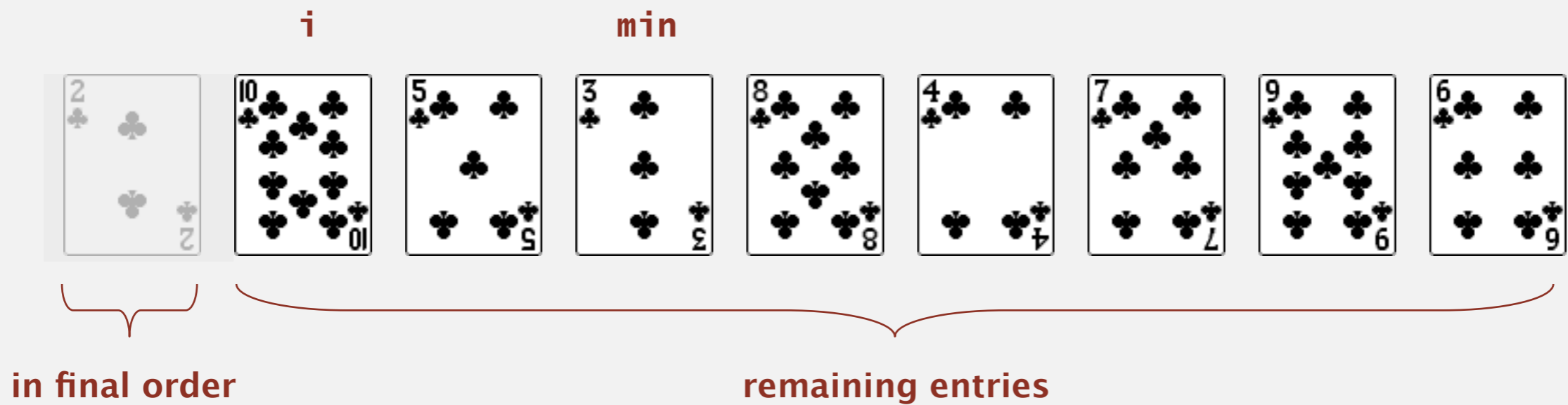
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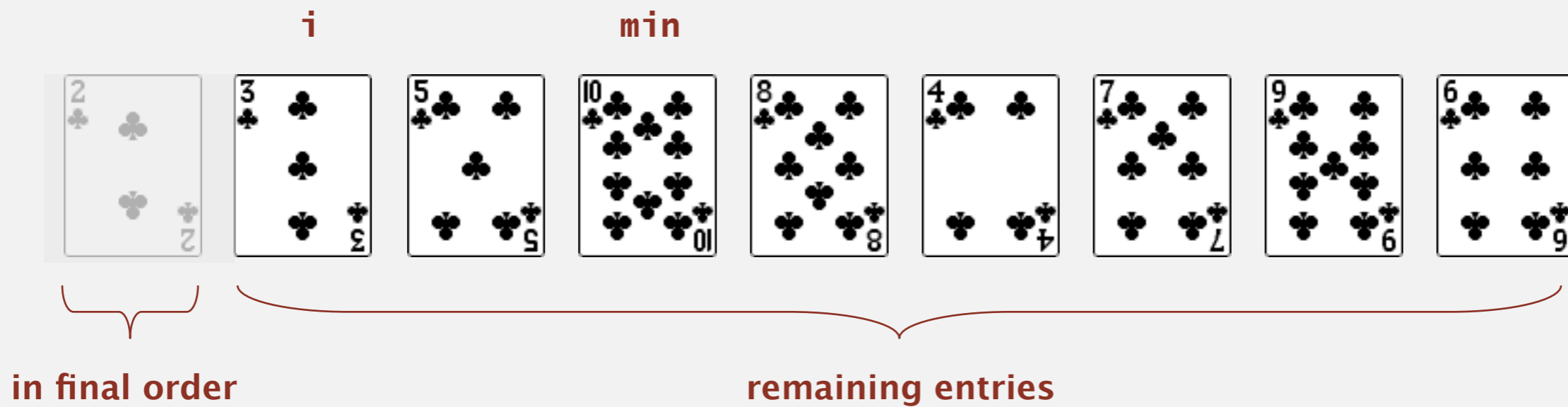
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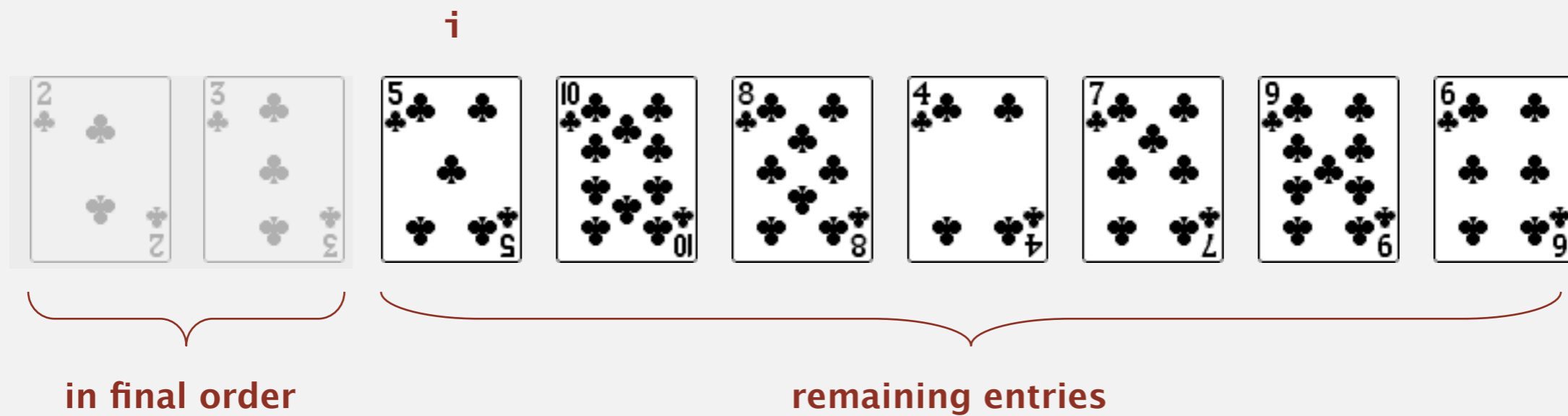




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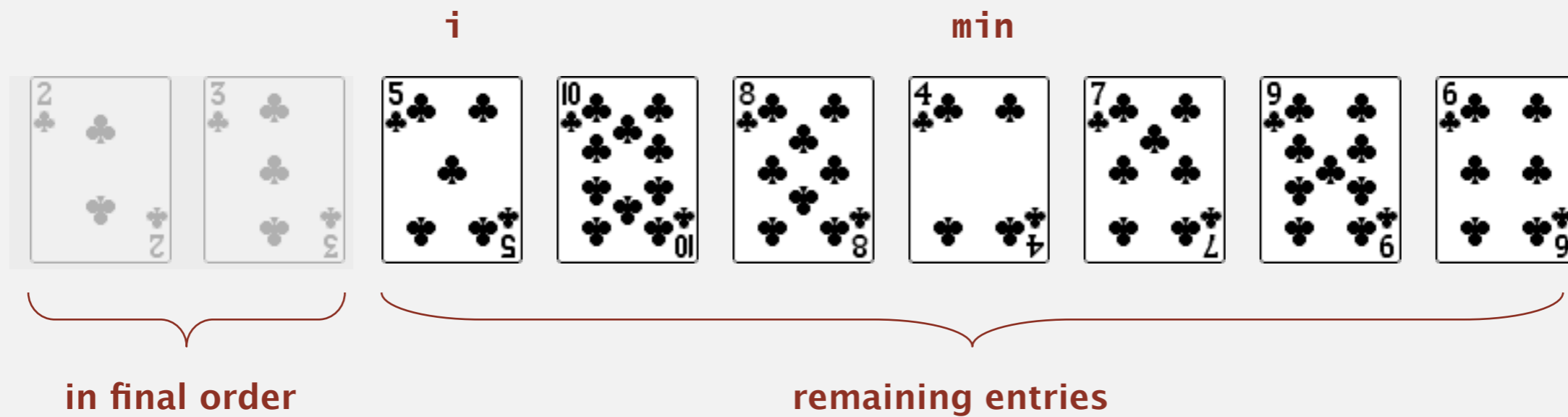
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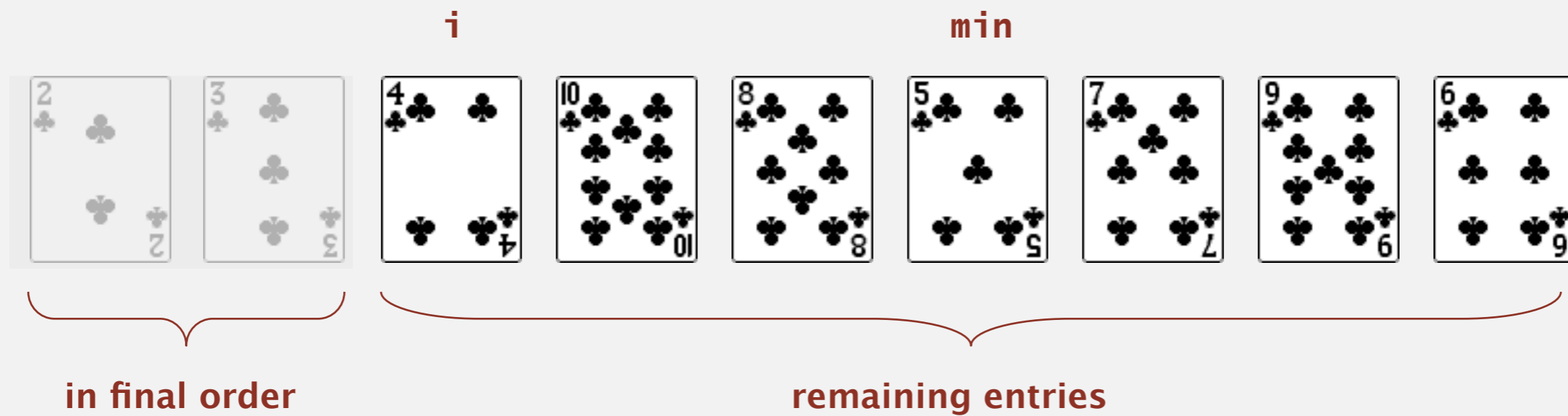
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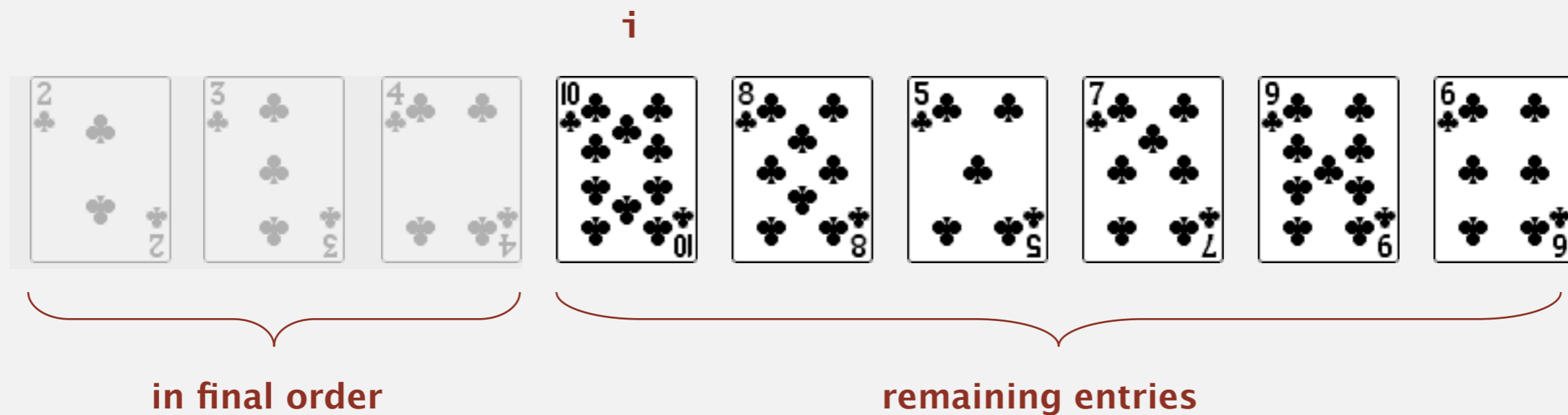
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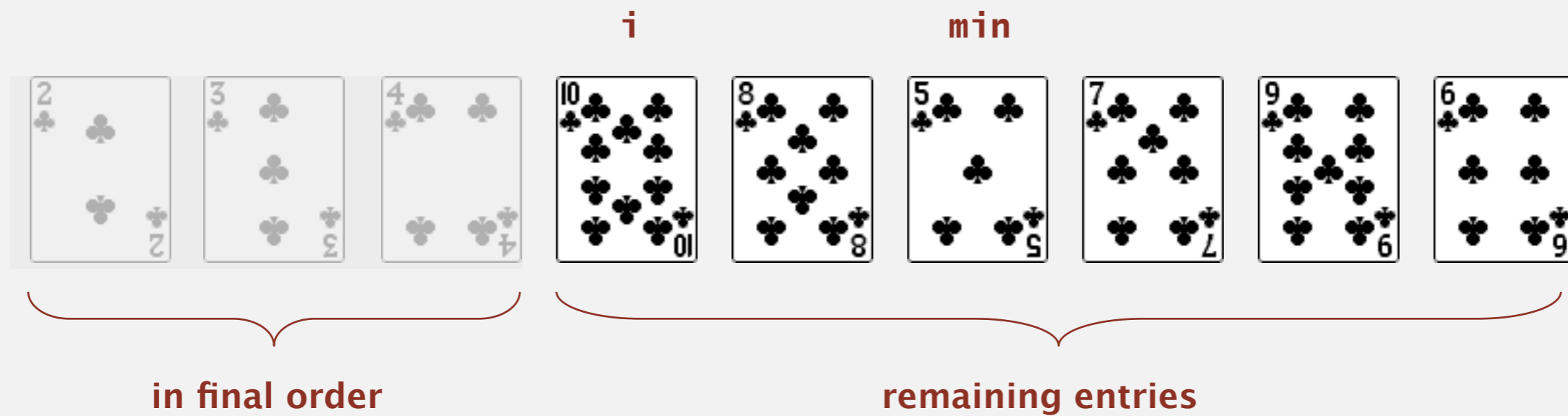
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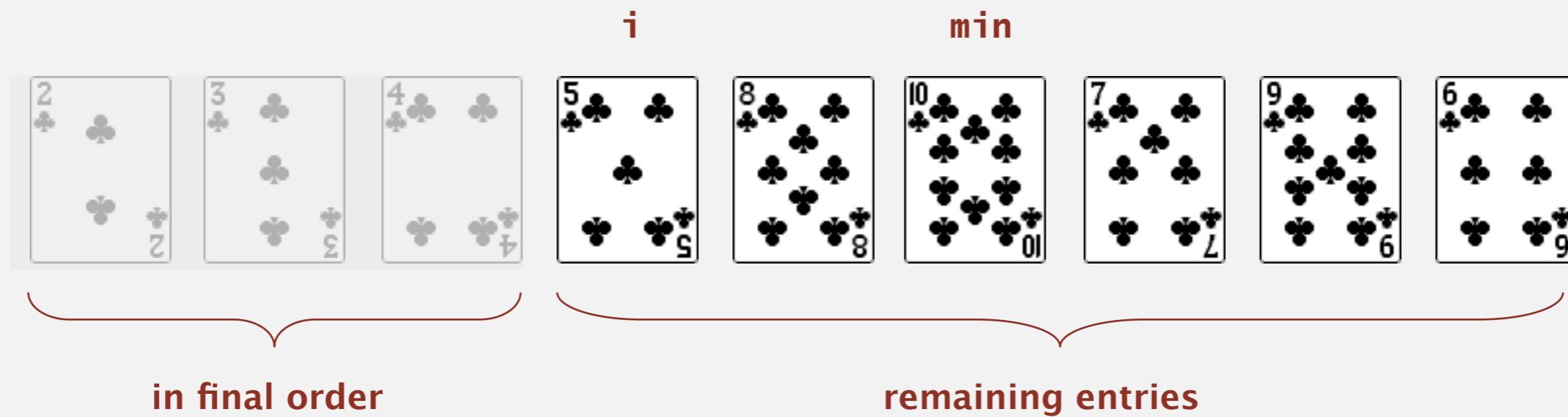
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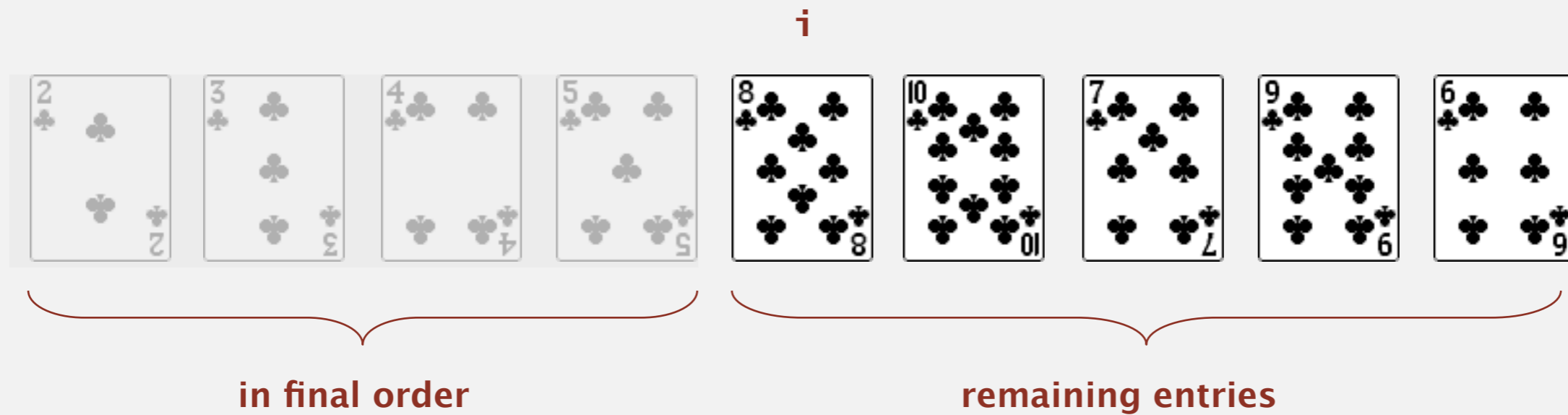
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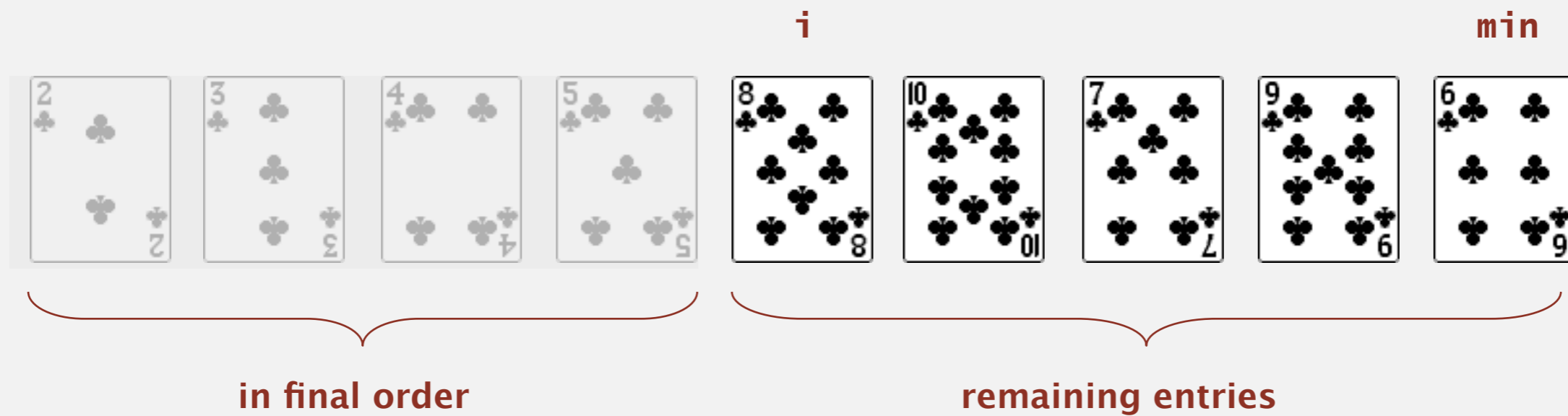
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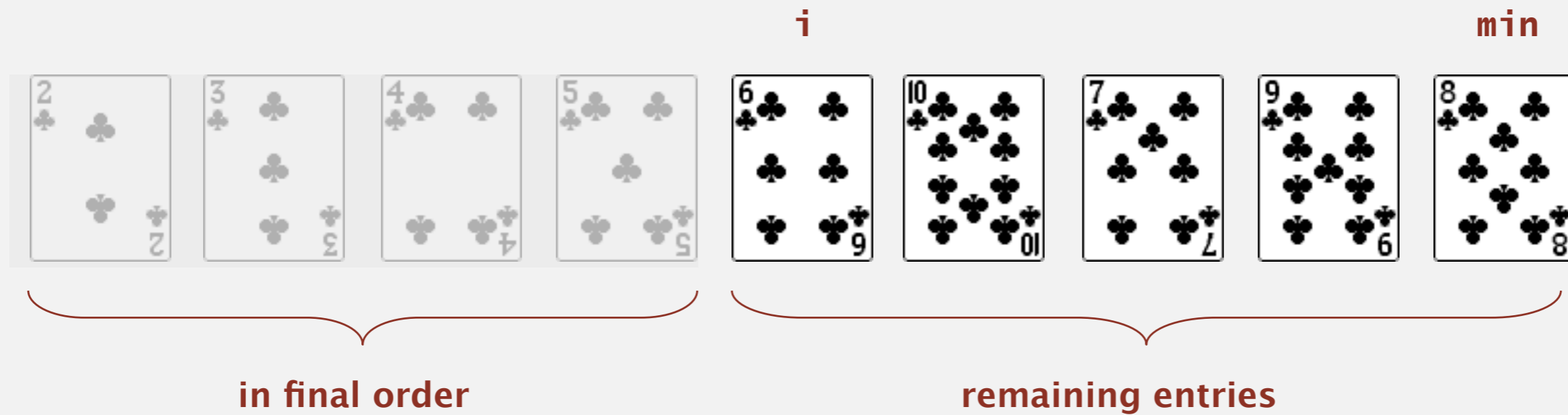




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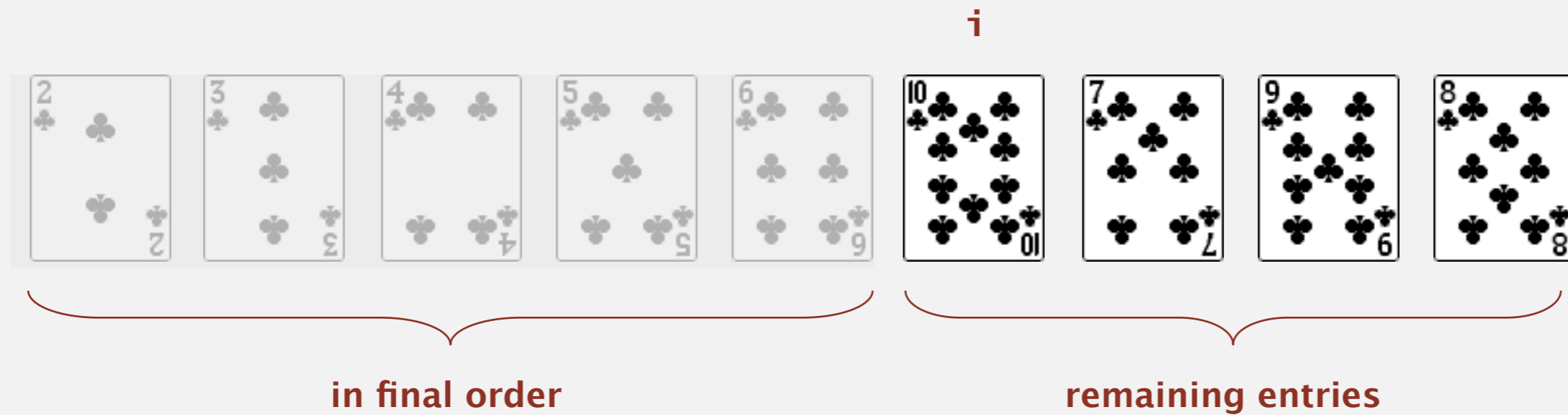
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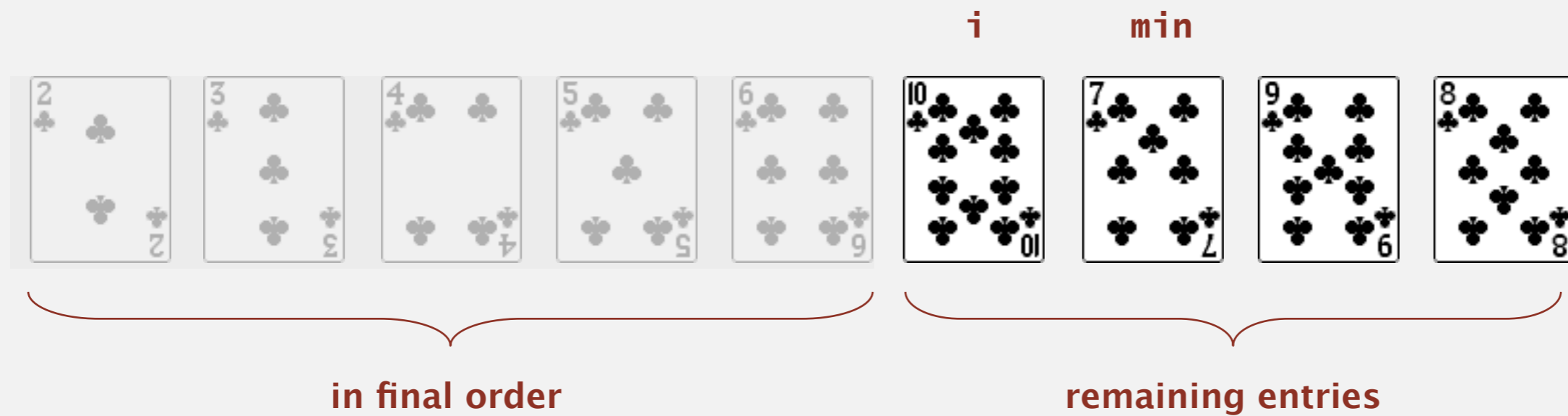
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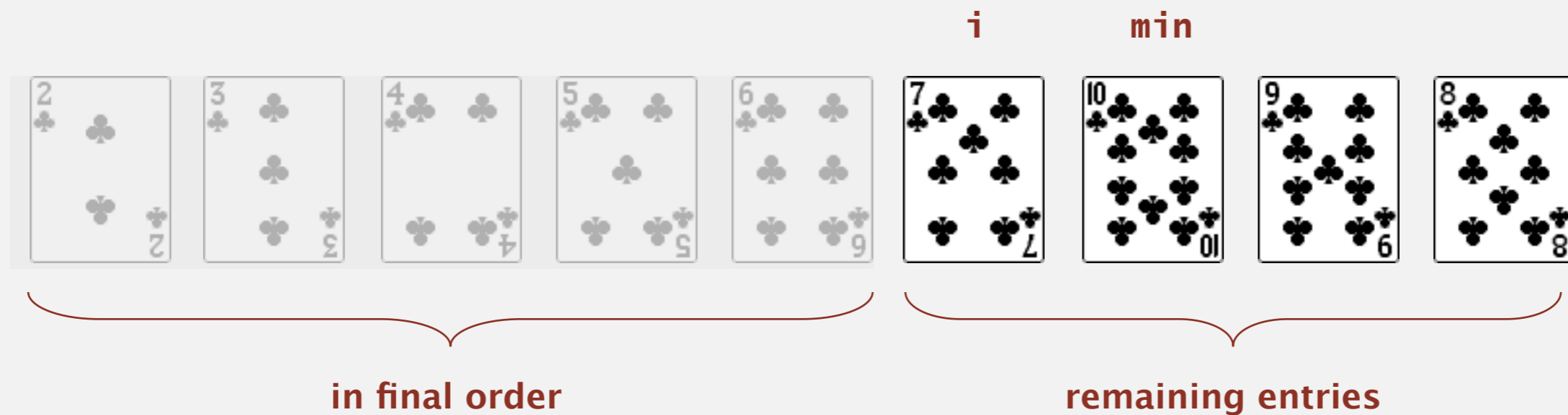
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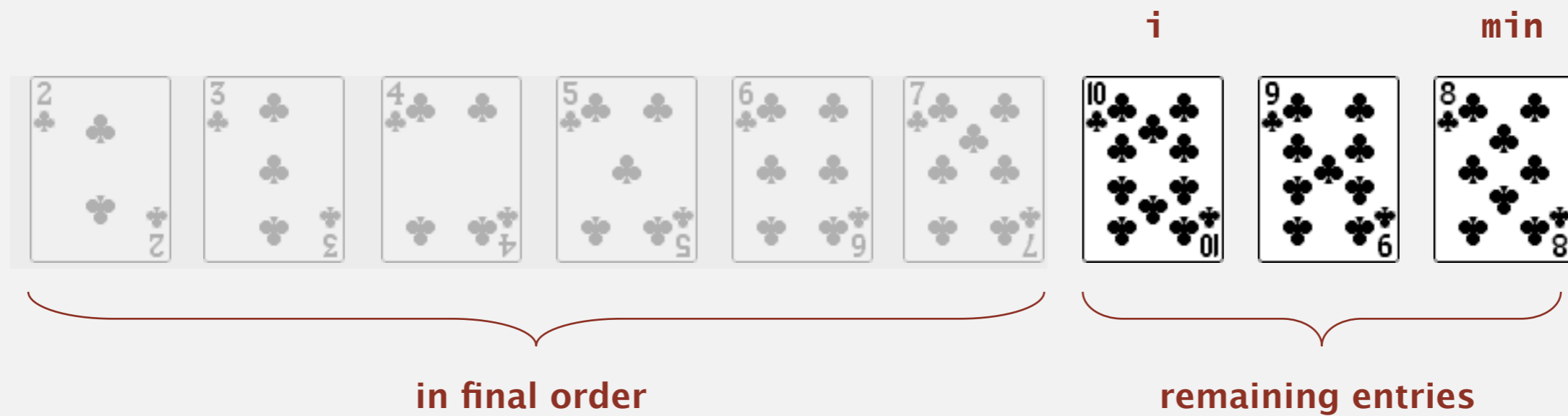
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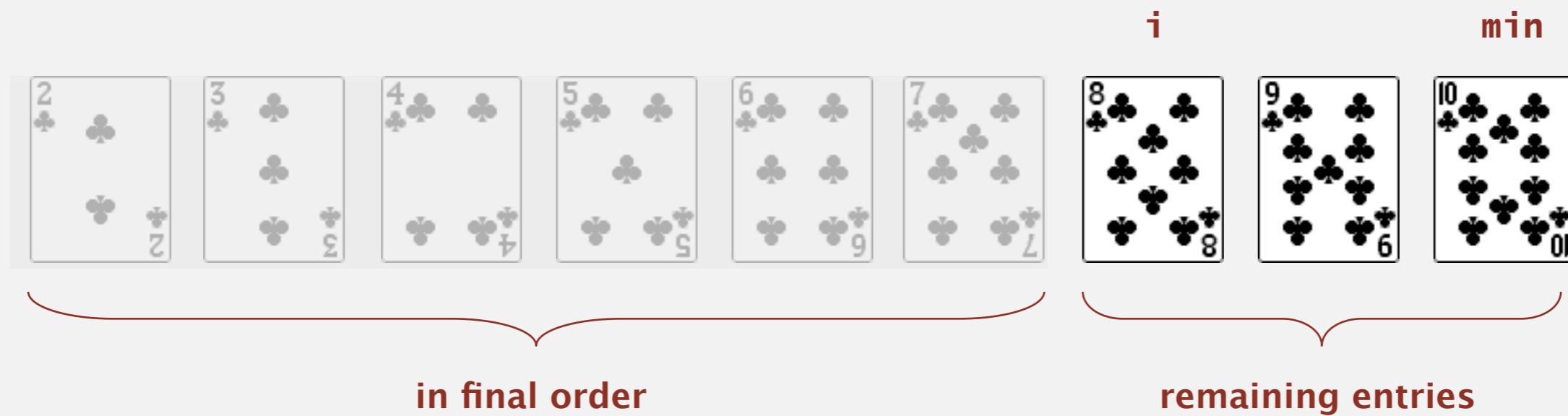
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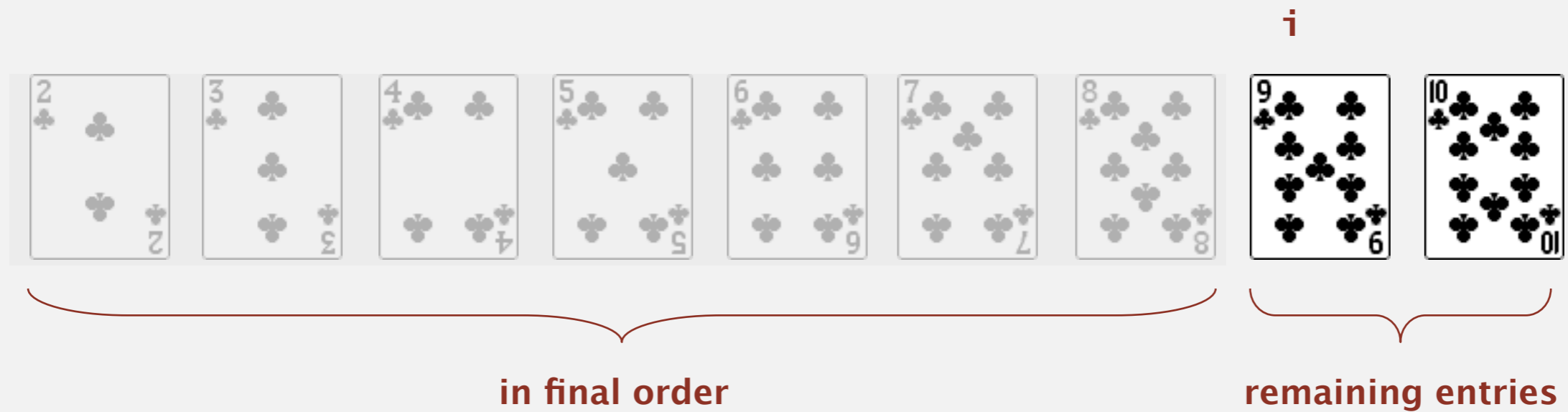
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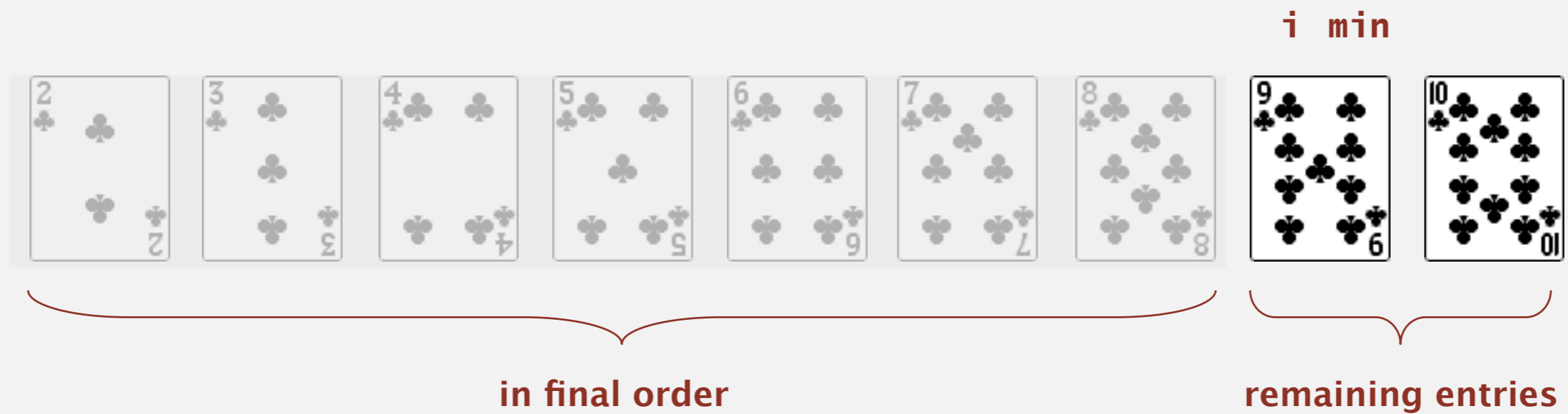




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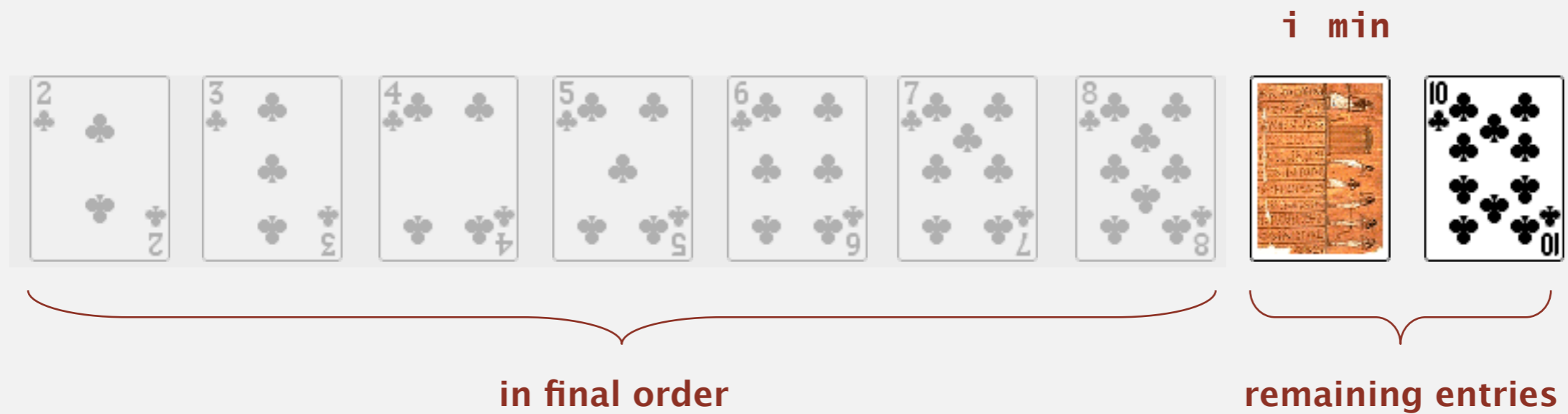
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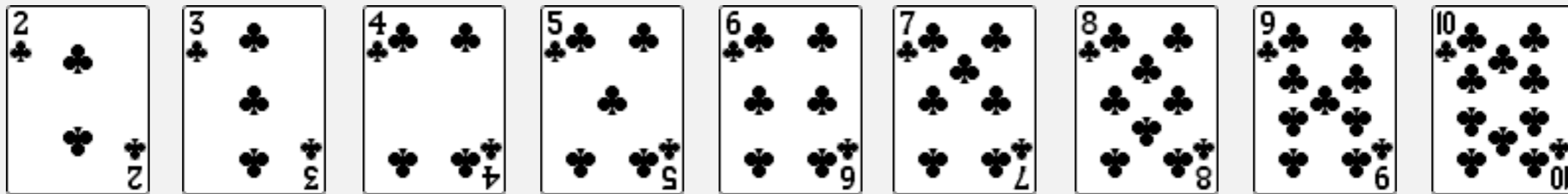
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sorted