

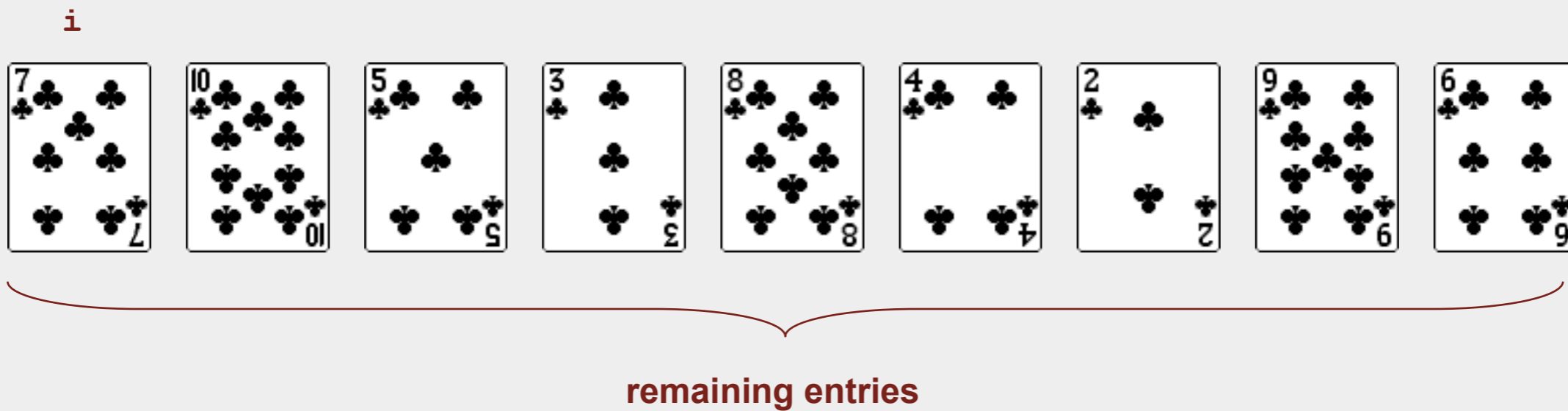
# 2.1 Selection Sort Demo



[click to begin demo](#)

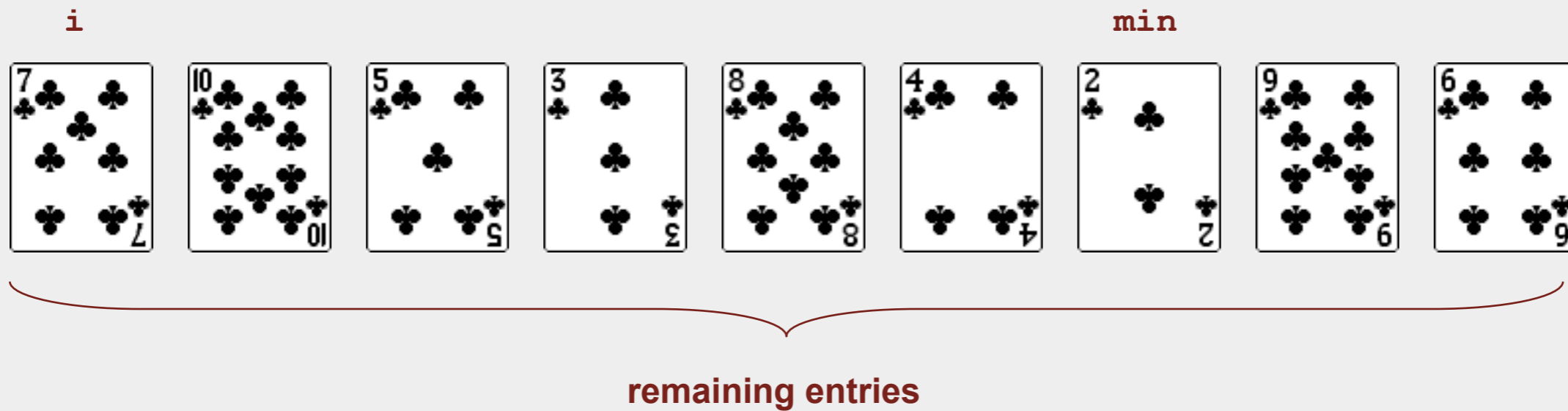
# Selection sort

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



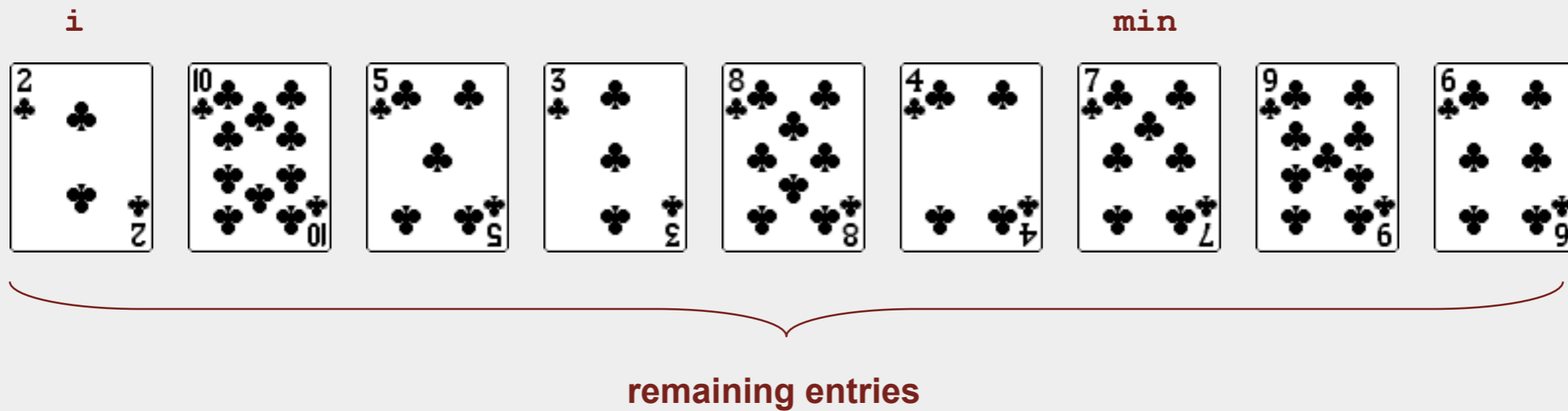
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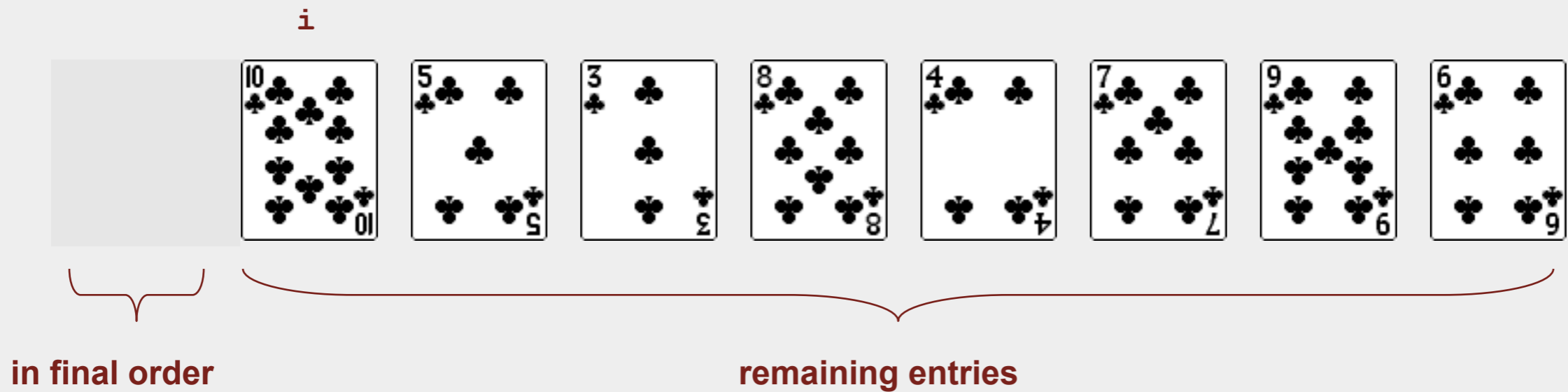
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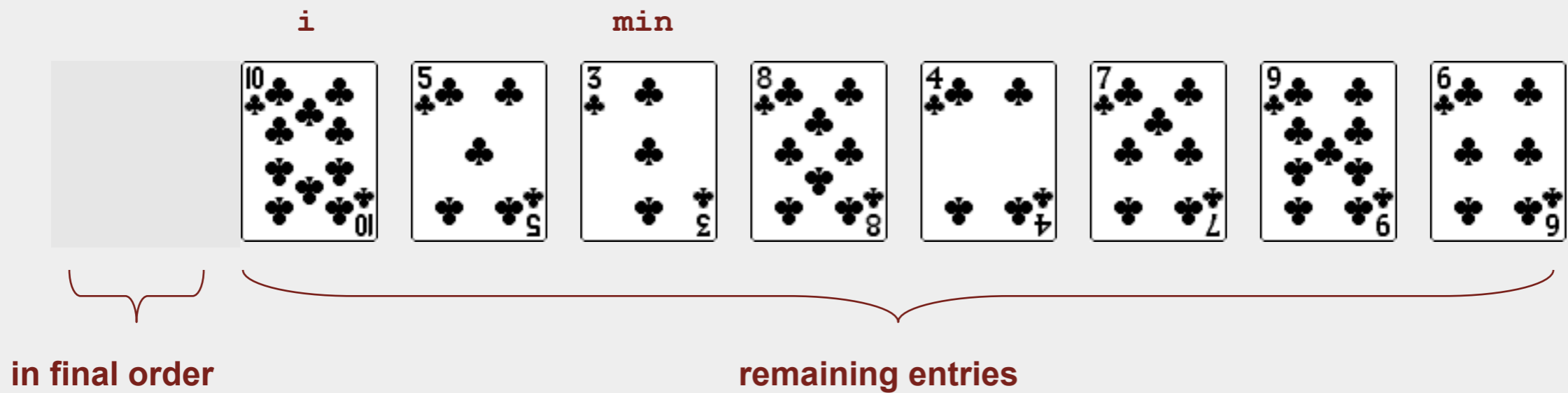
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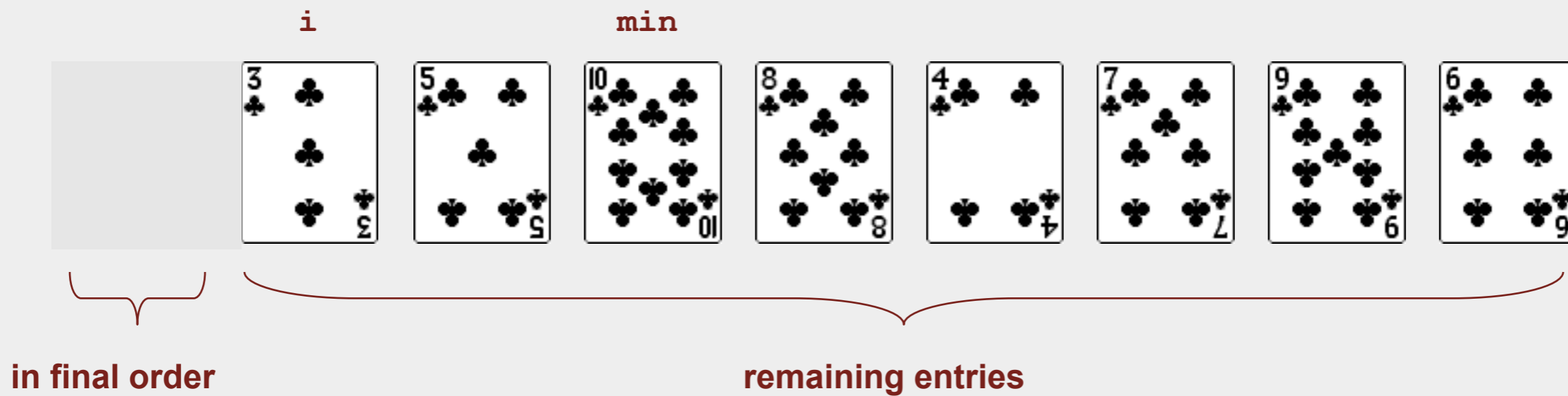
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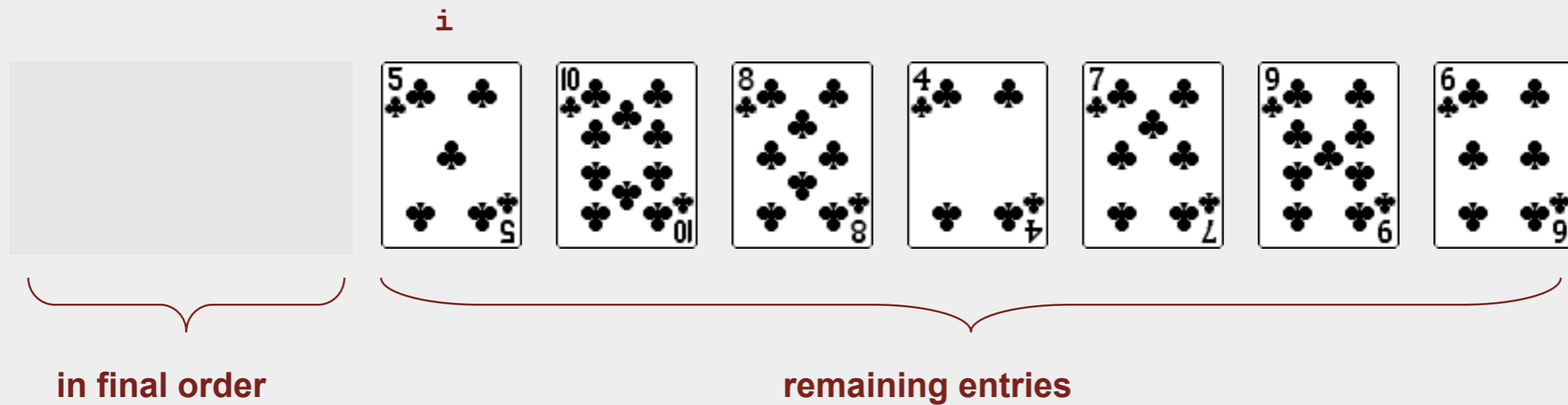
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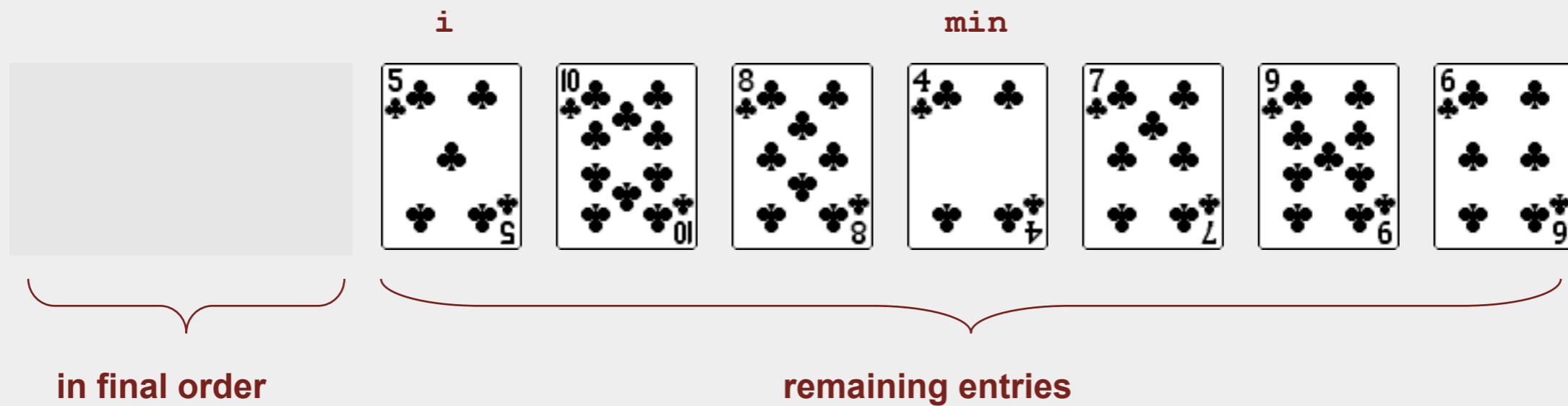
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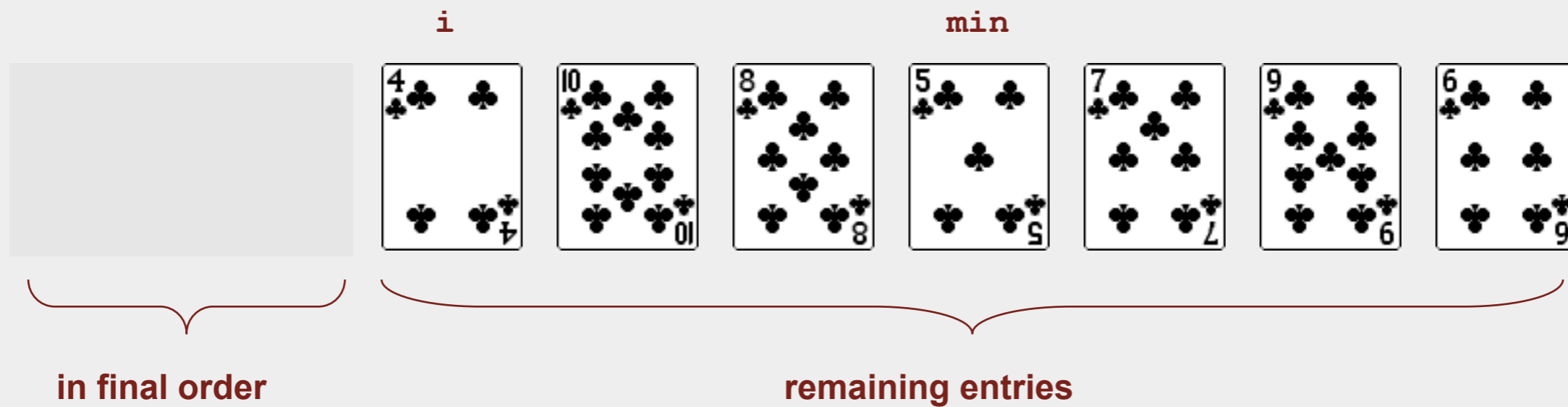
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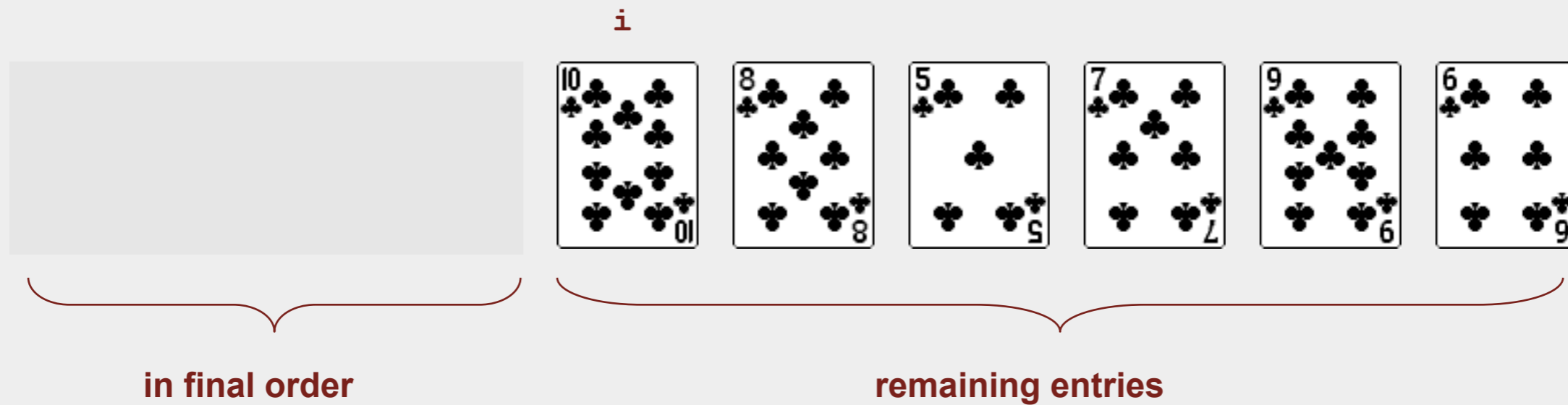
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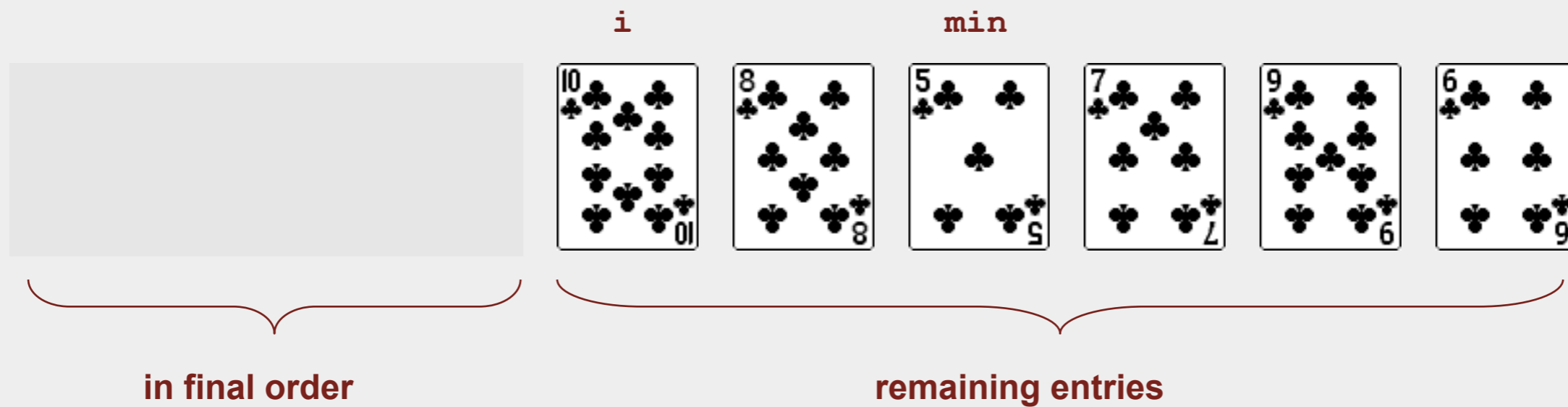
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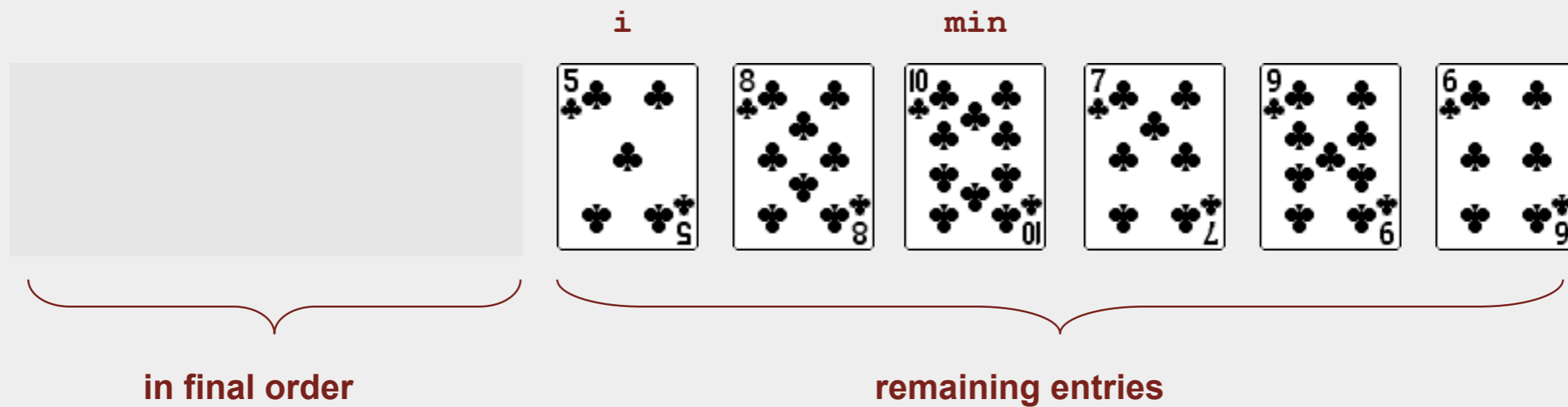
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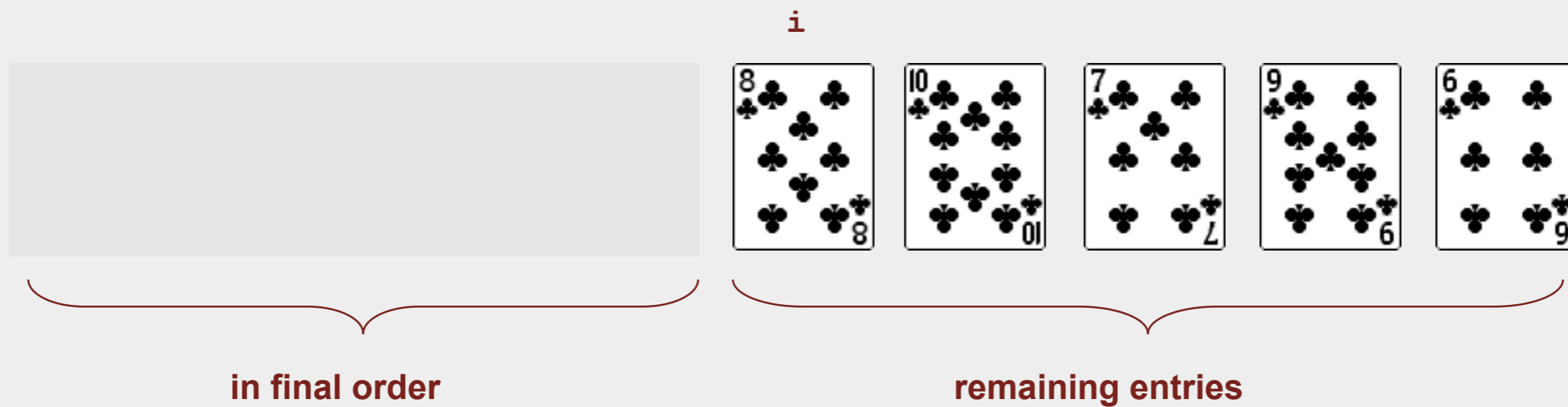
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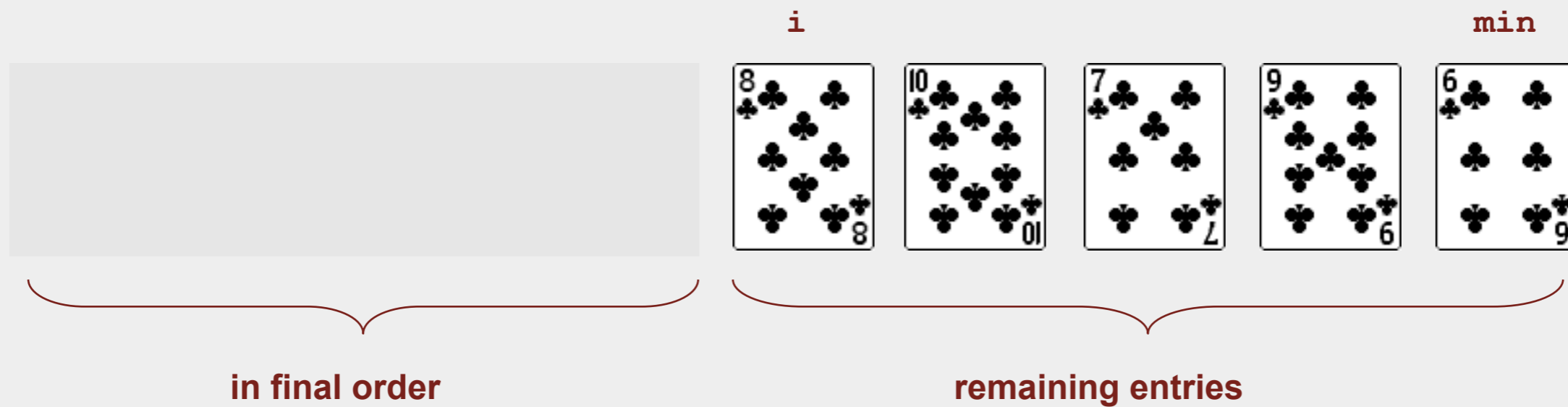
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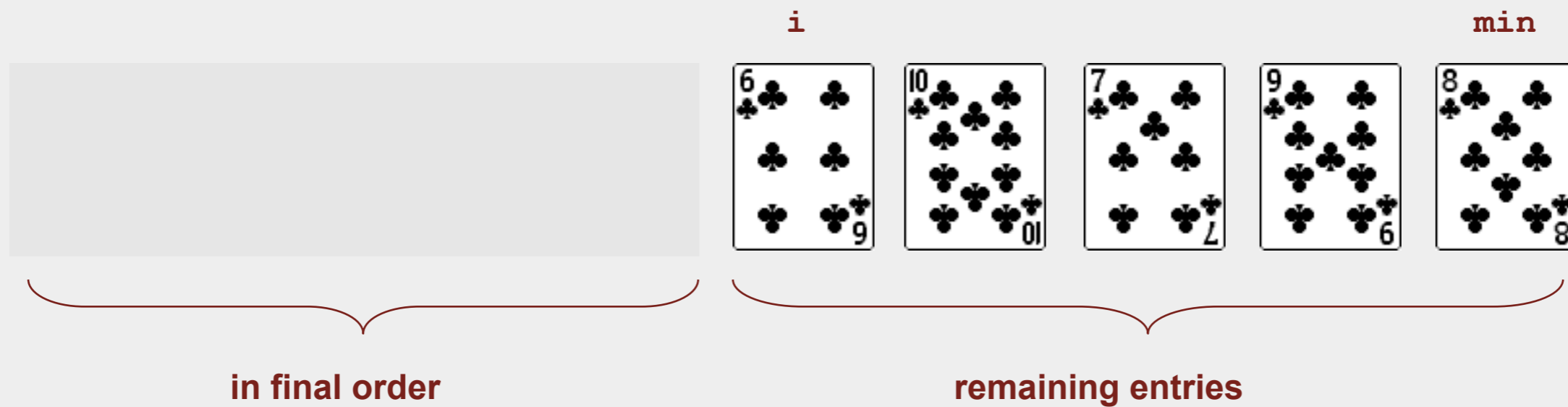
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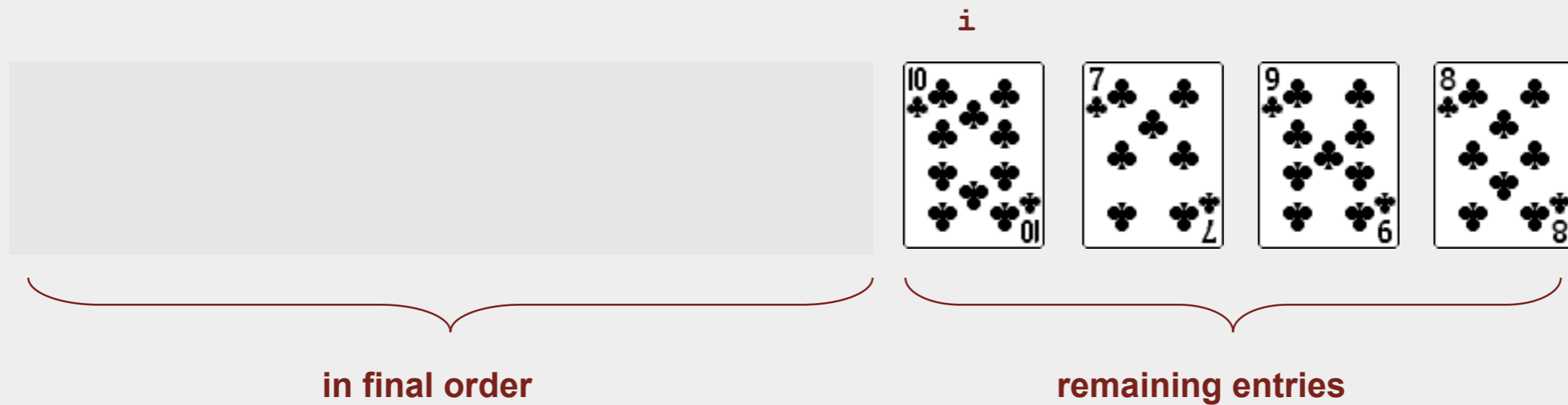
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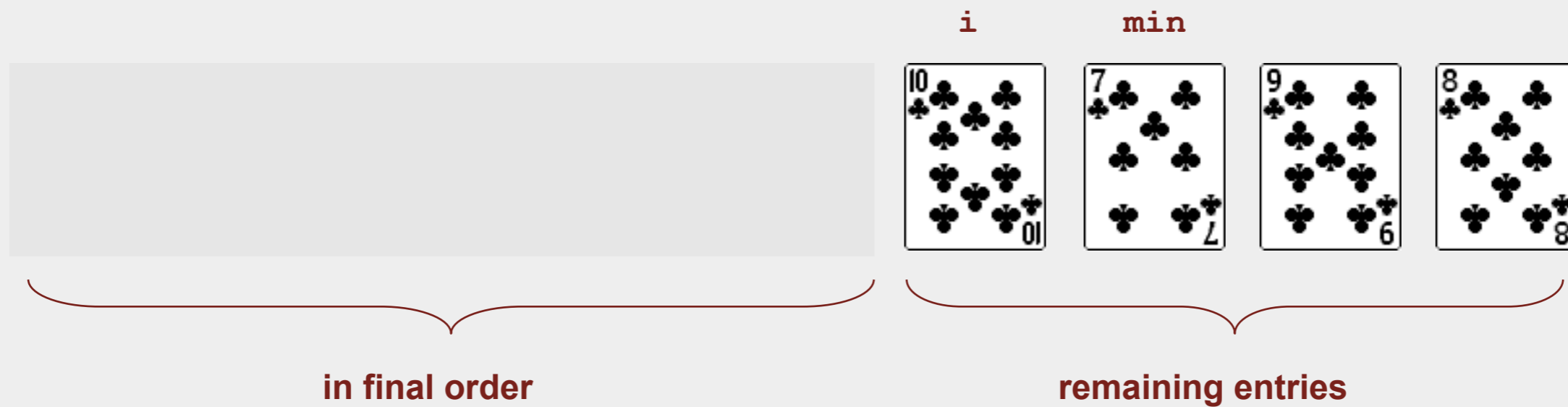
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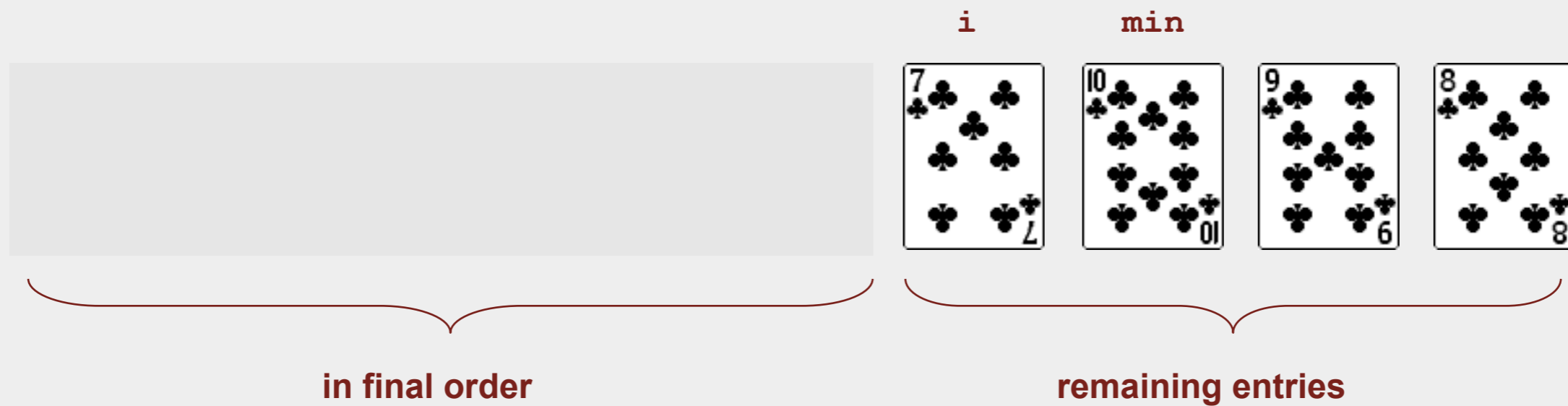
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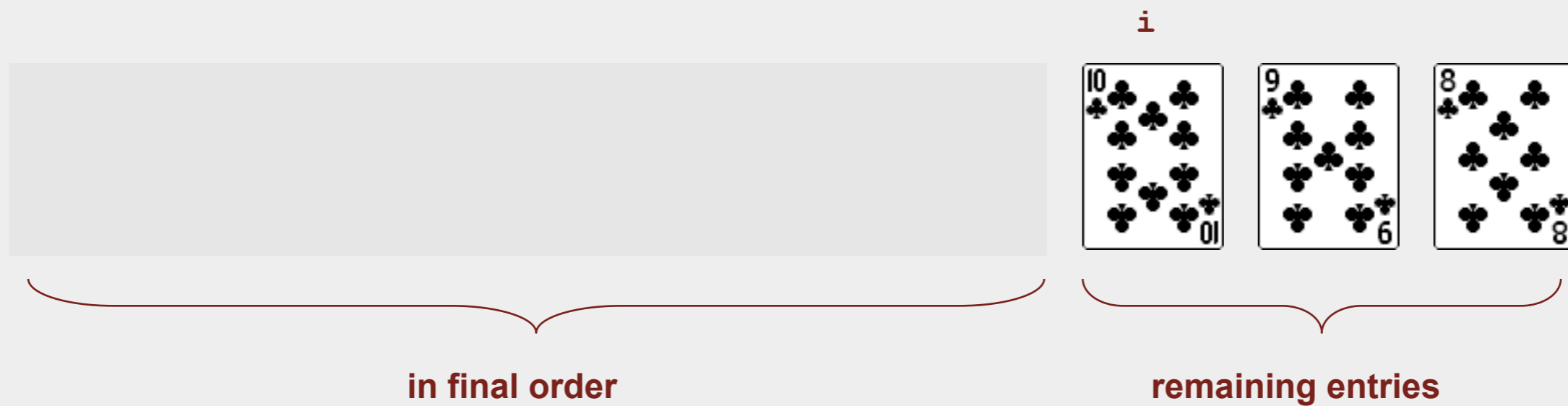
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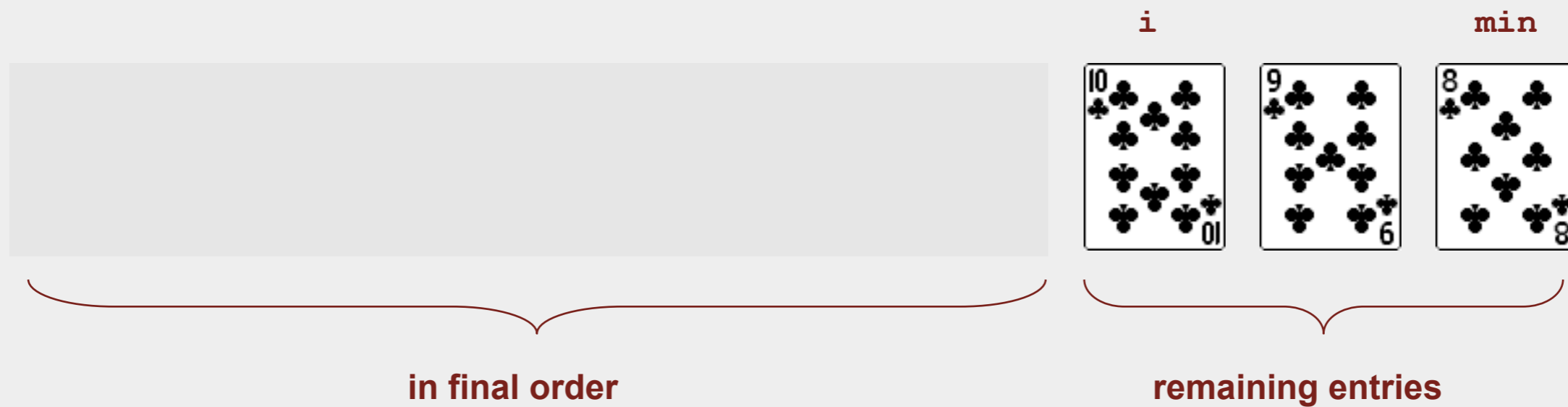
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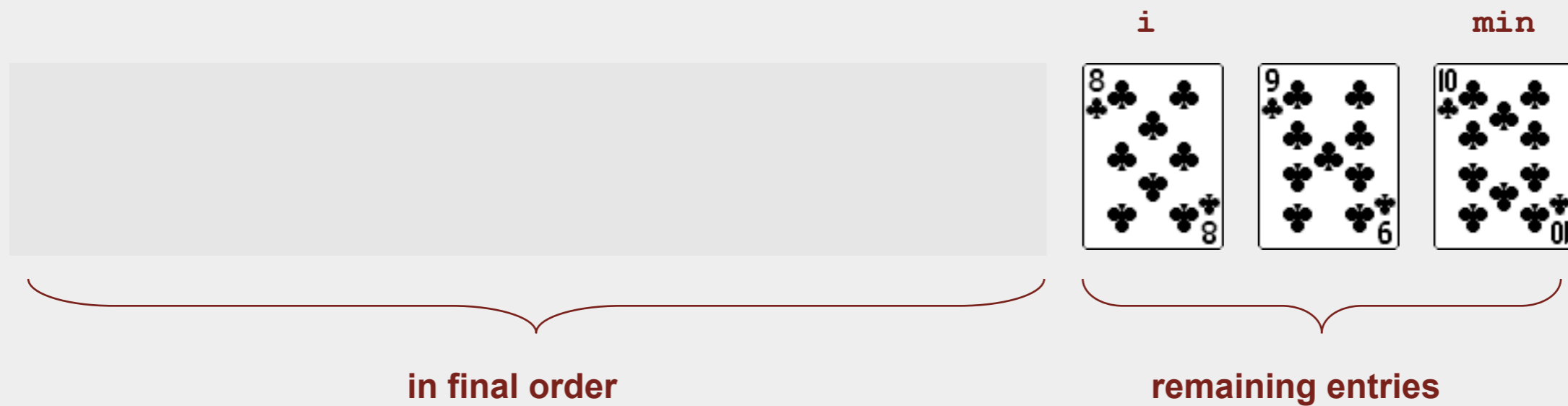
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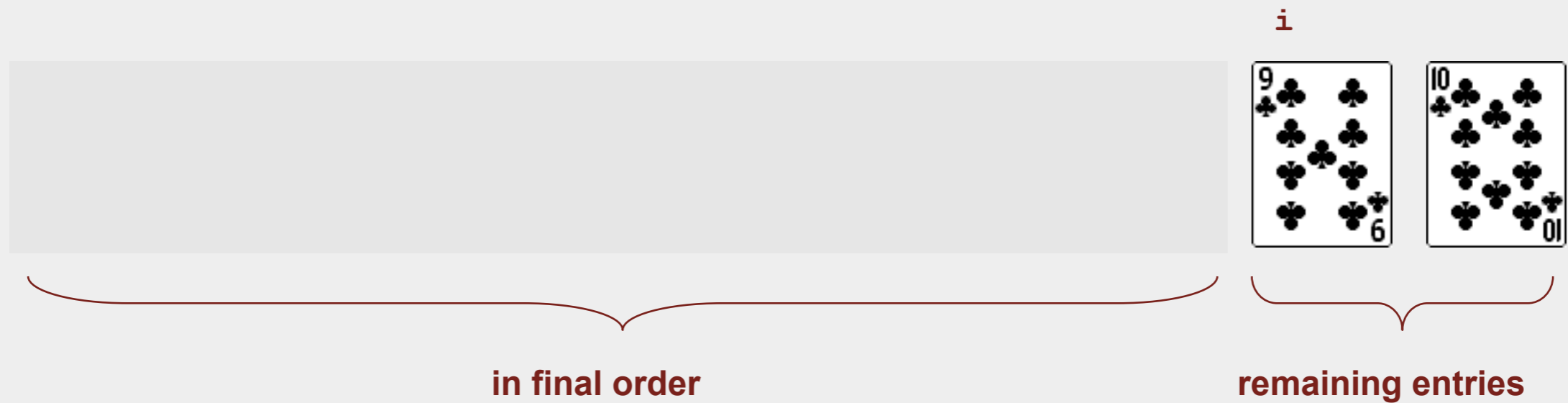
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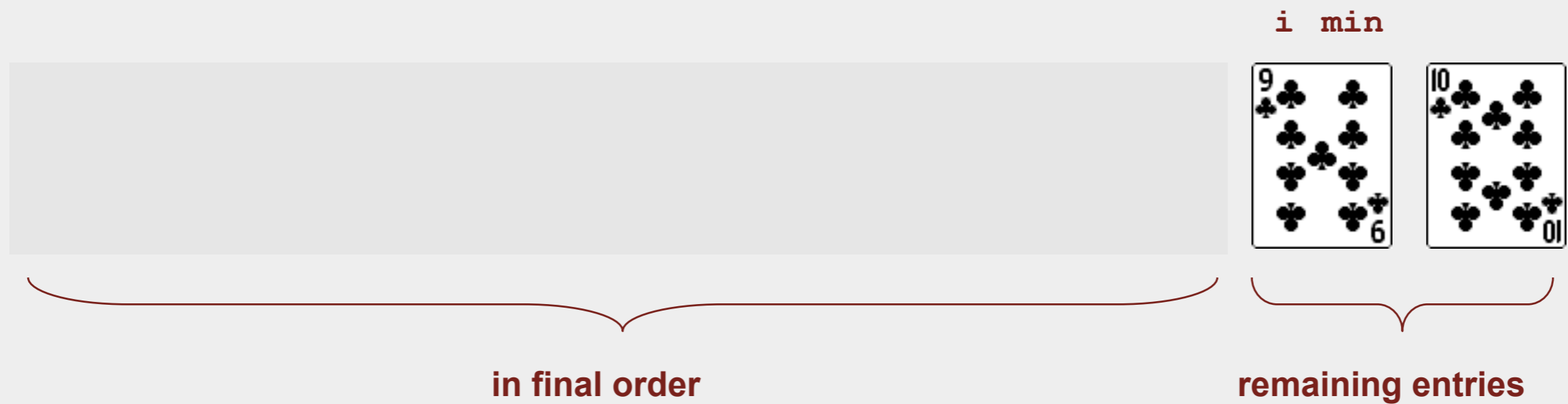
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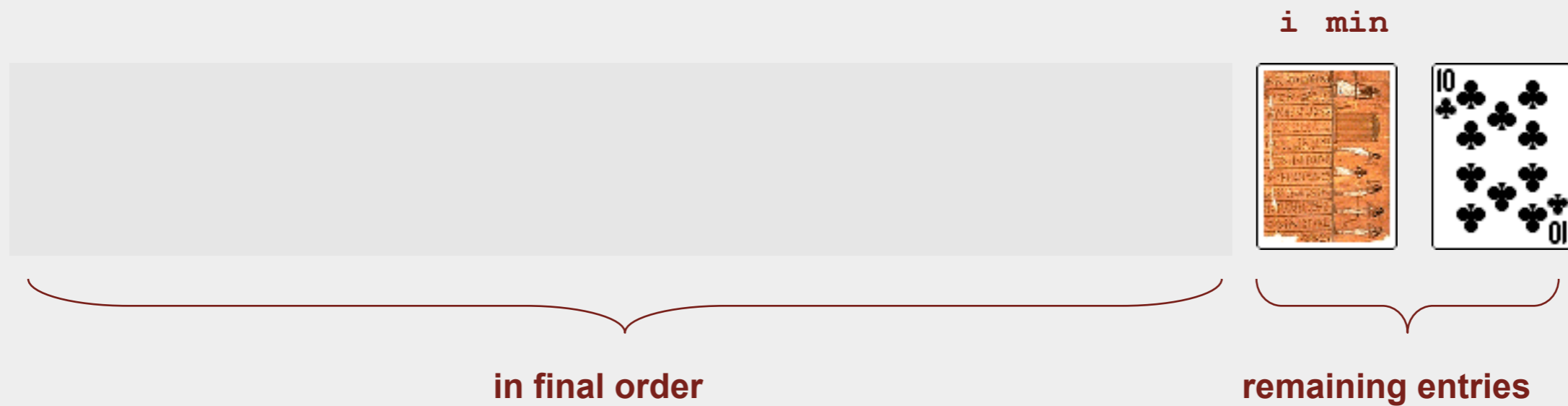
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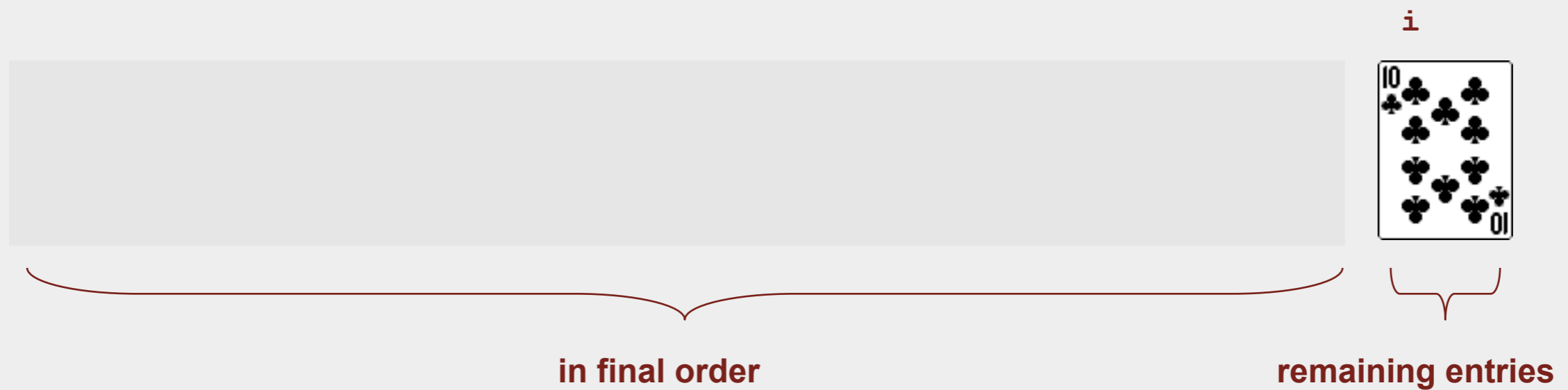
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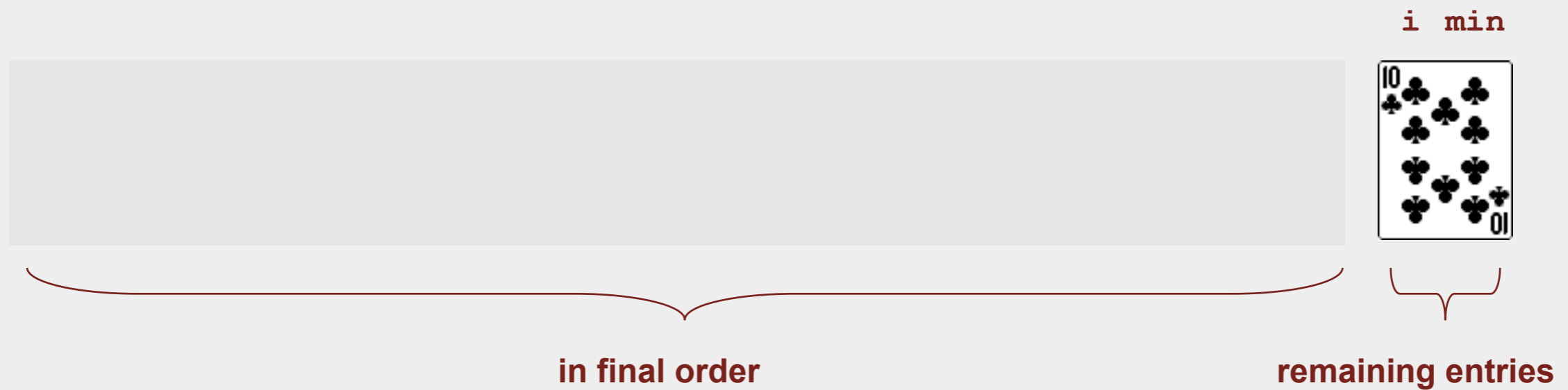
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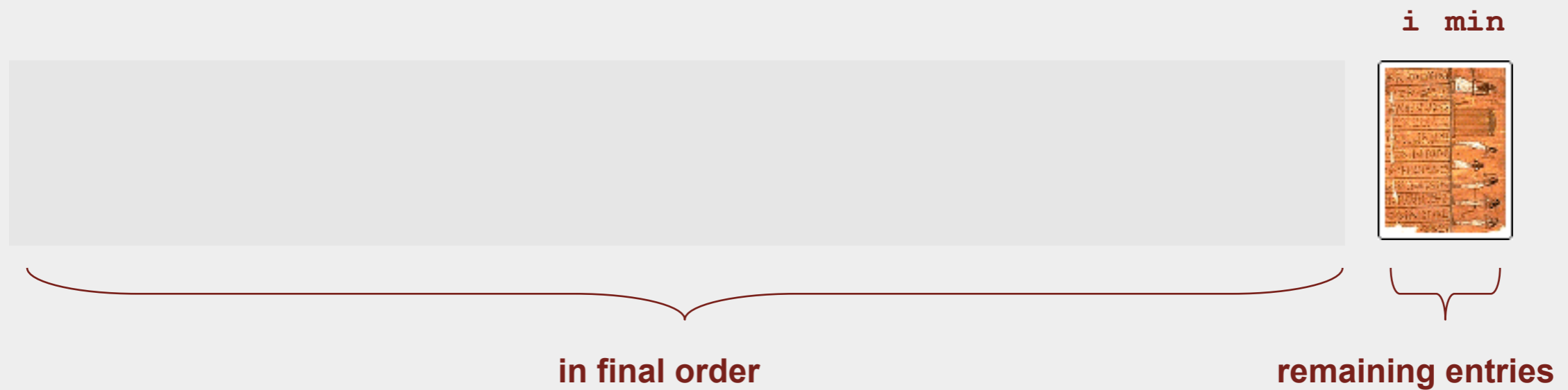
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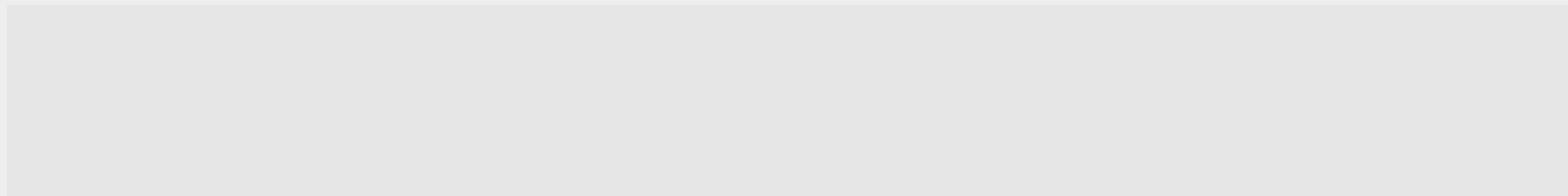
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**in final order**

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sorted