

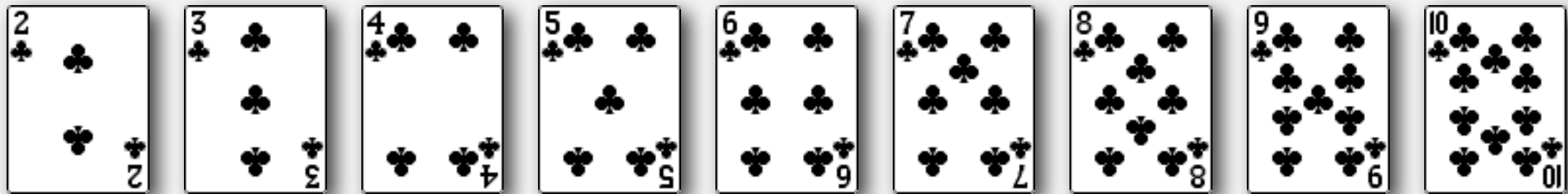


<http://algs4.cs.princeton.edu>

2.1 KNUTH SHUFFLE DEMO

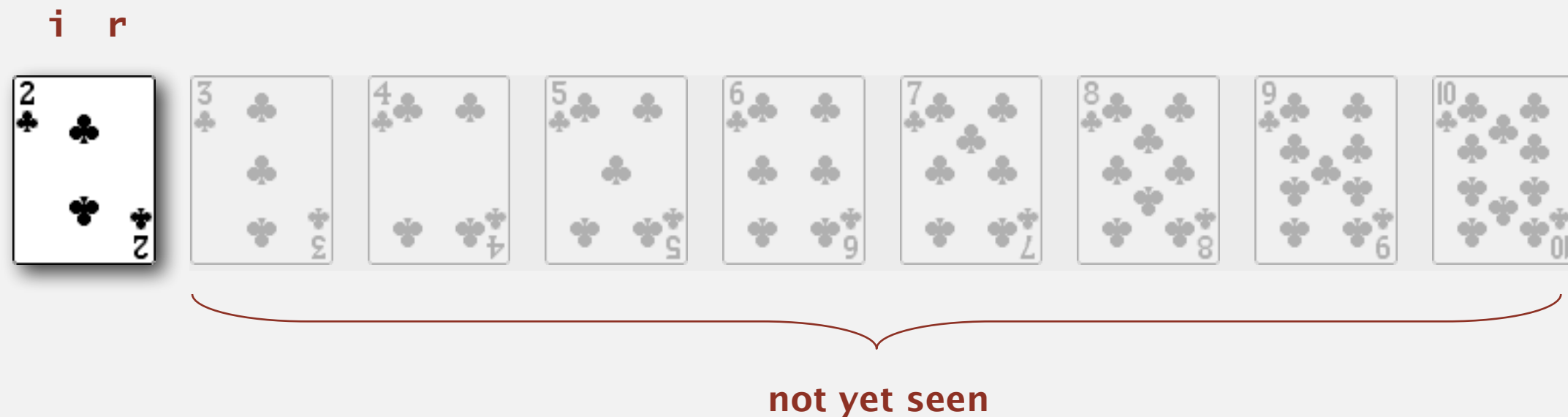
Knuth shuffle

- In iteration i , pick integer r between 0 and i uniformly at random.
- Swap $a[i]$ and $a[r]$.



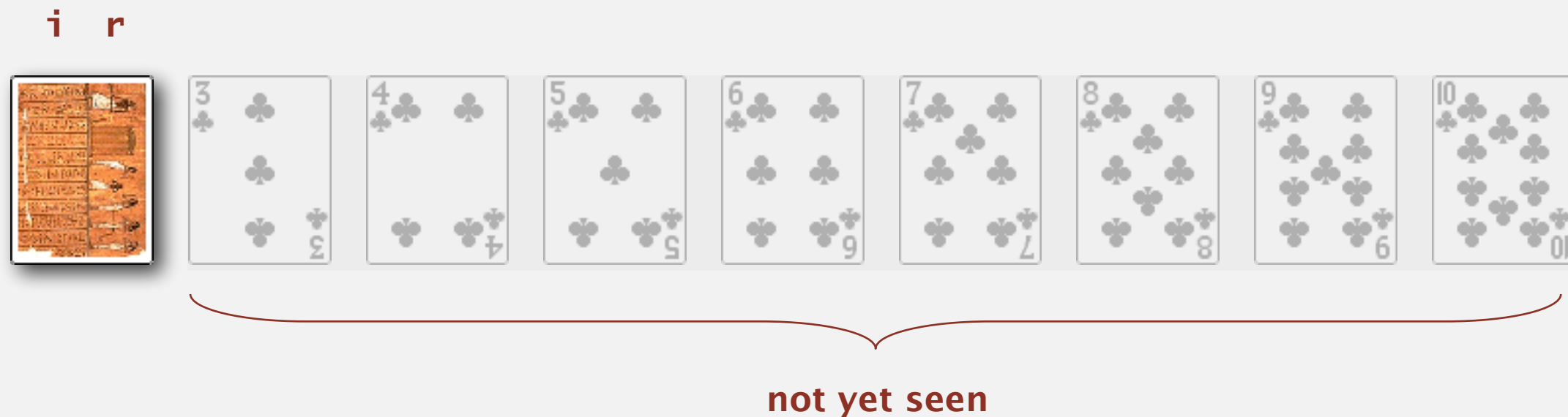
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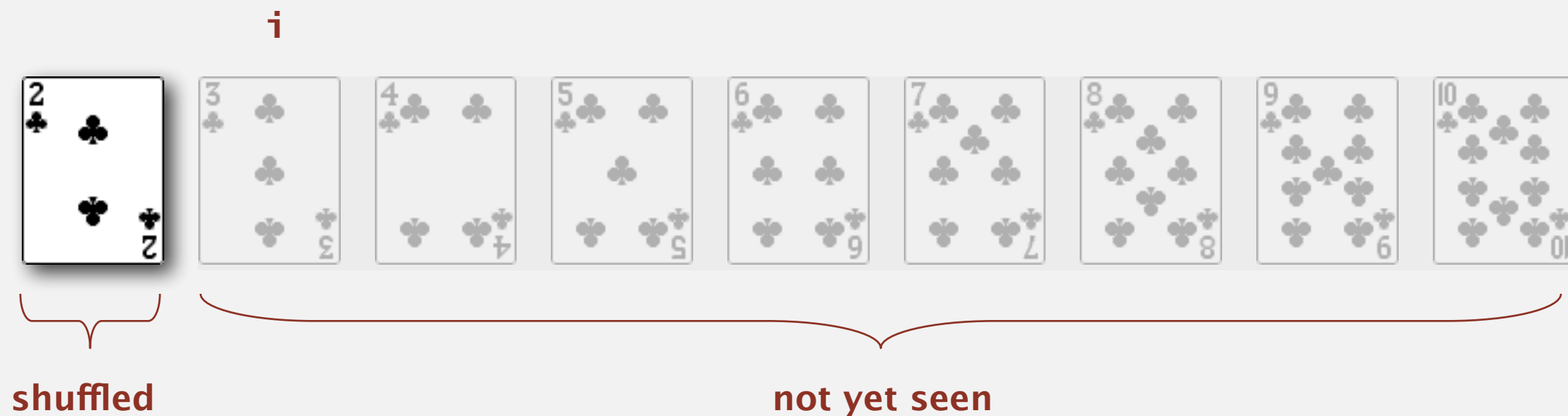
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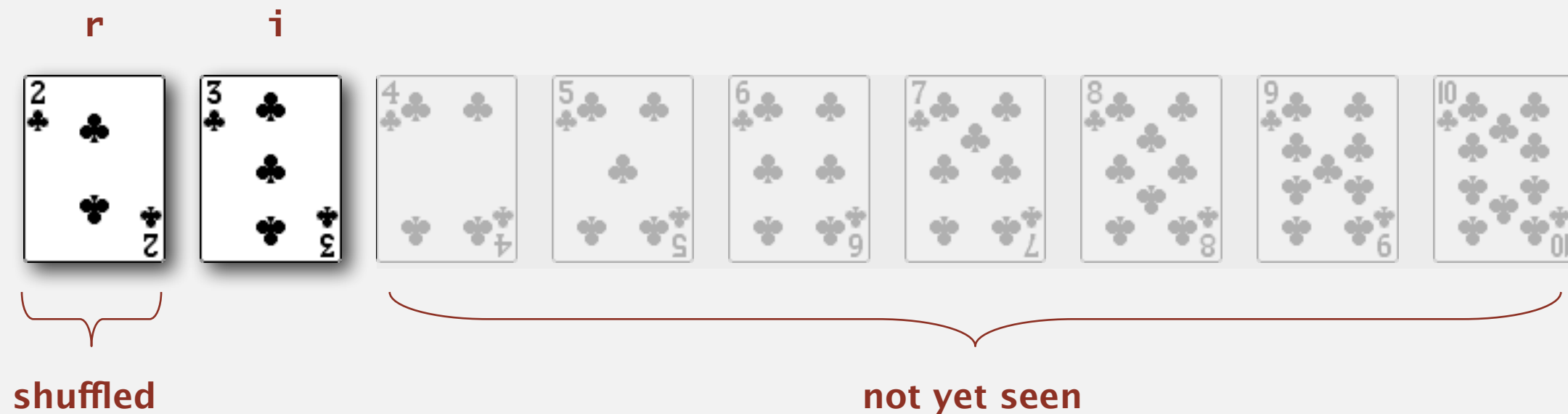
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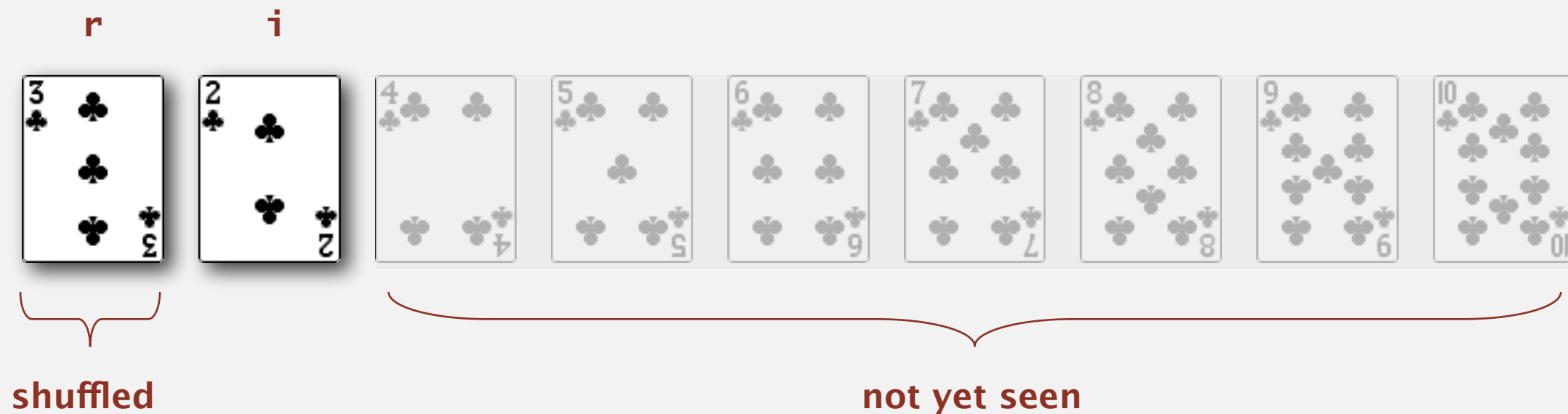
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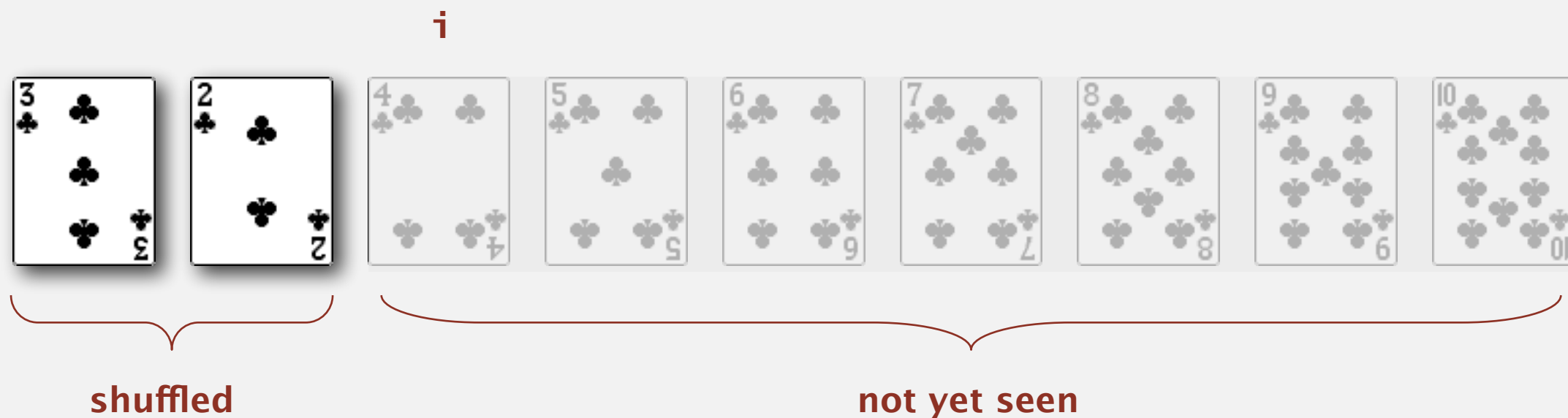
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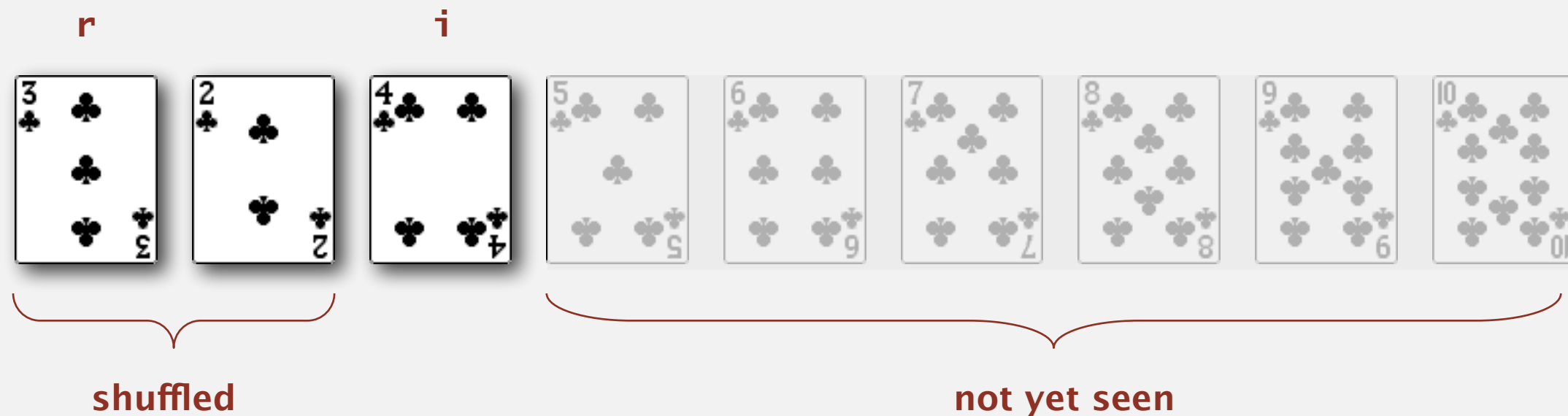
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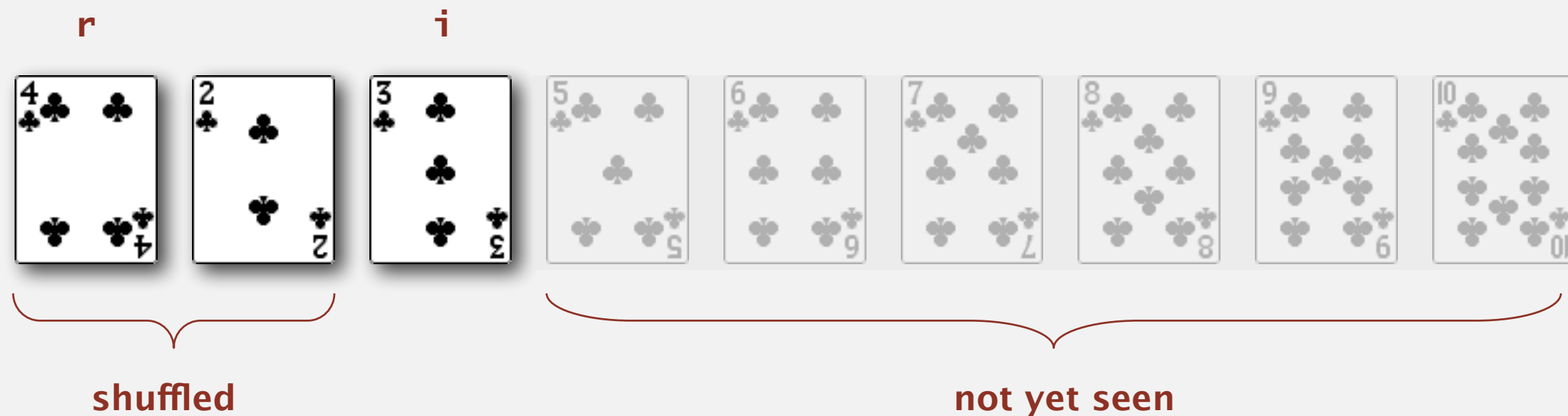
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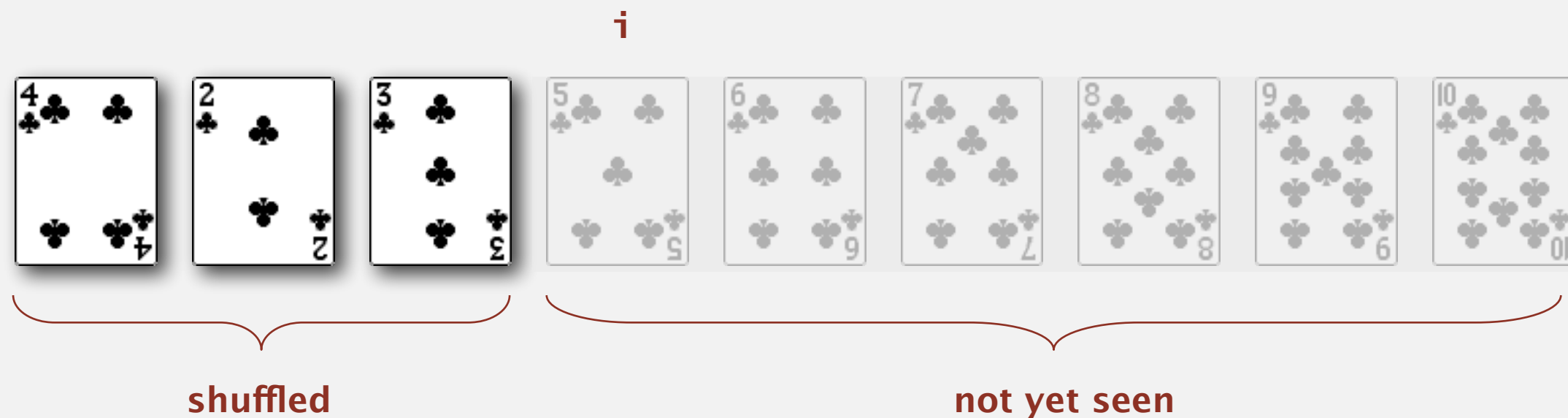
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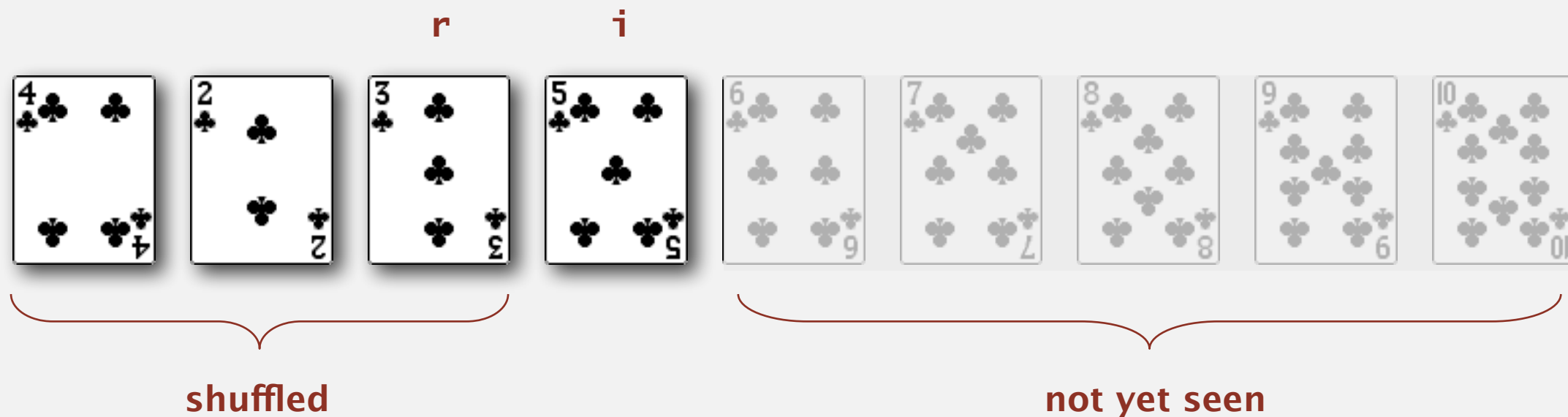
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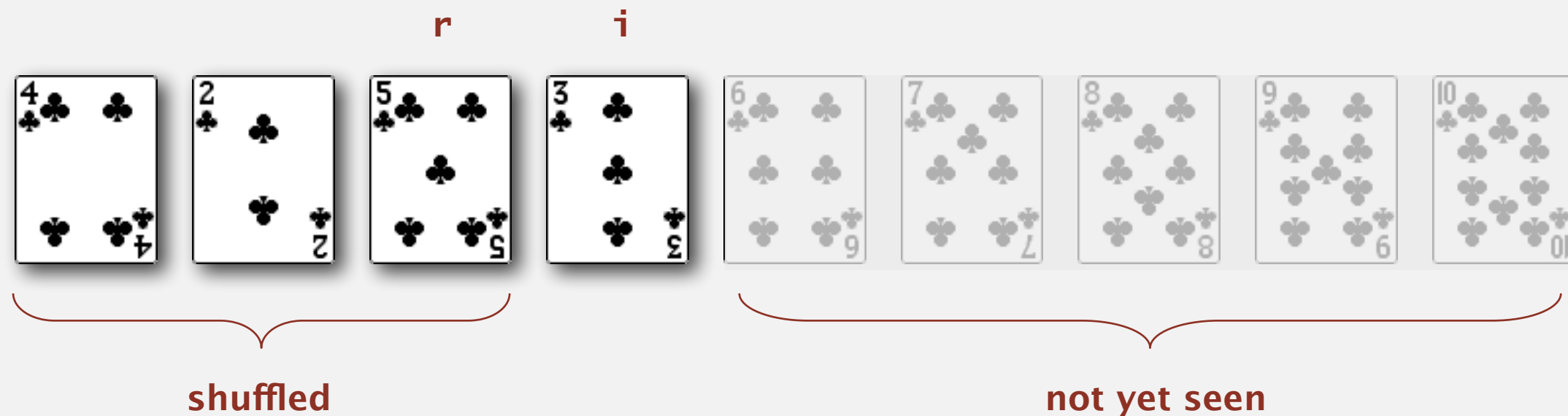
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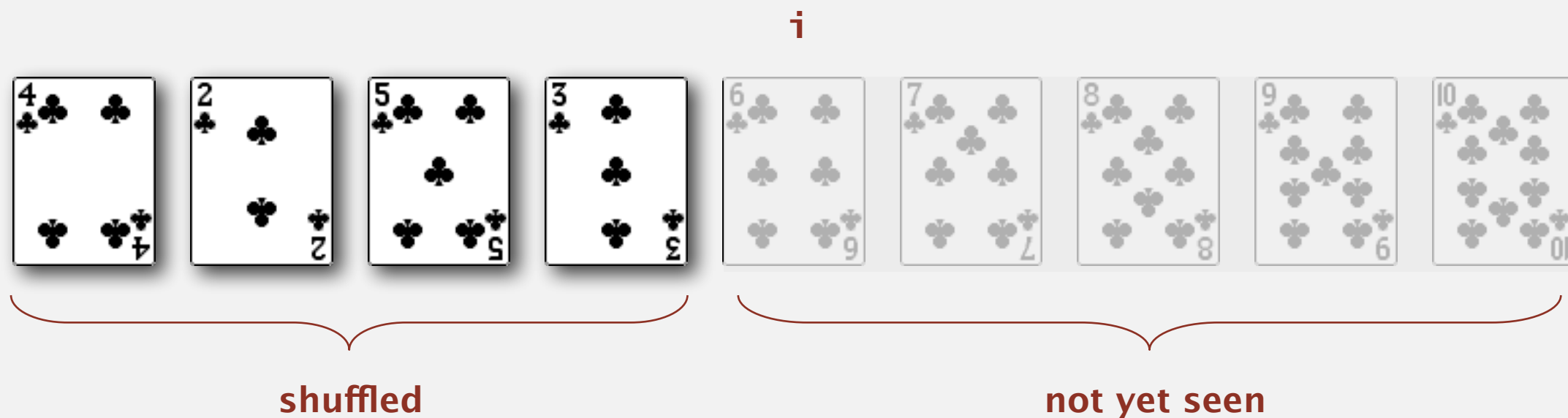
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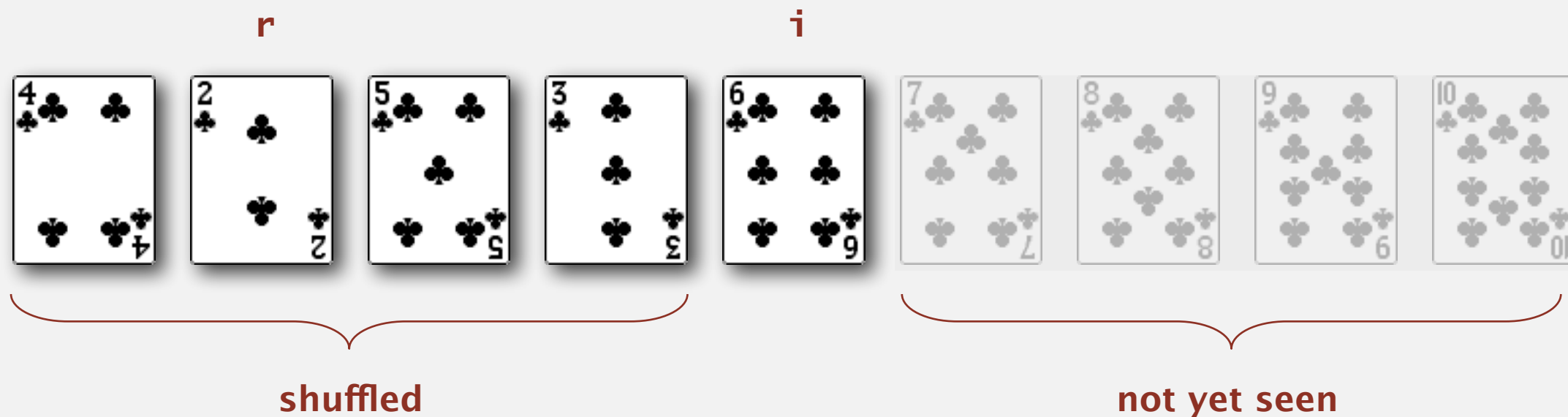
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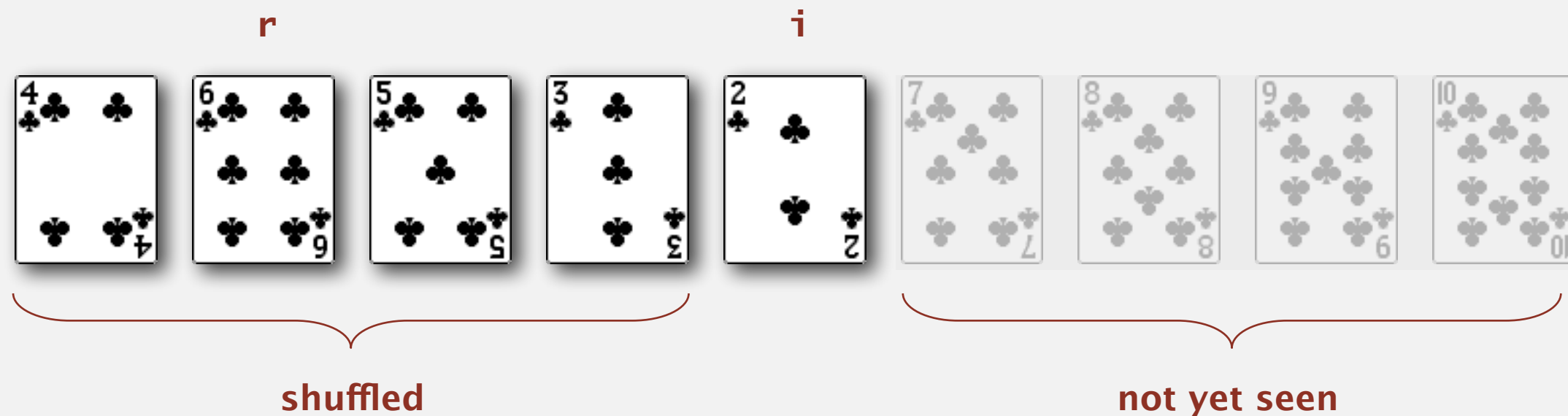
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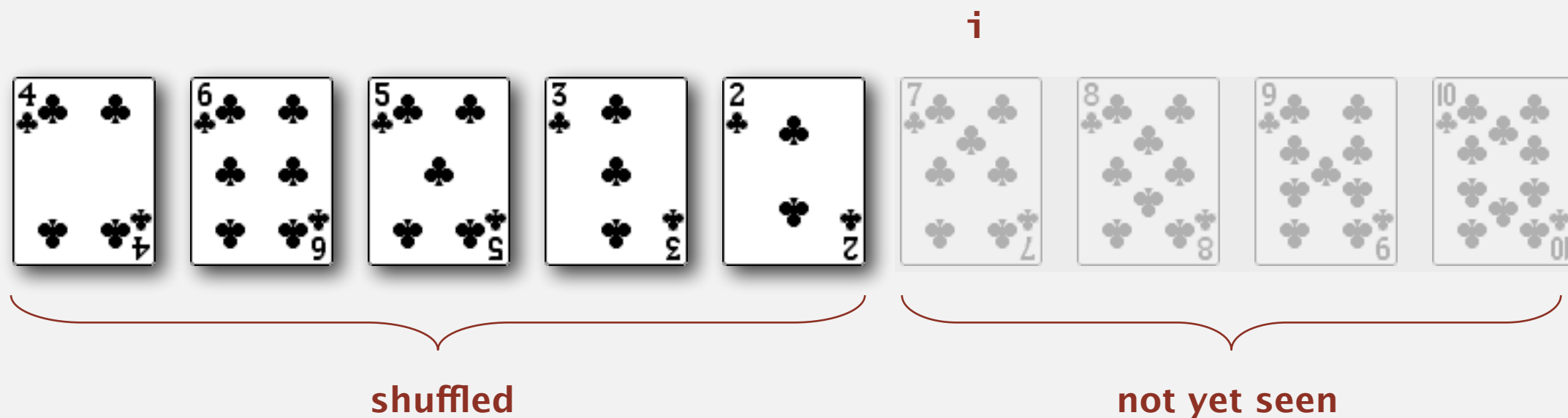
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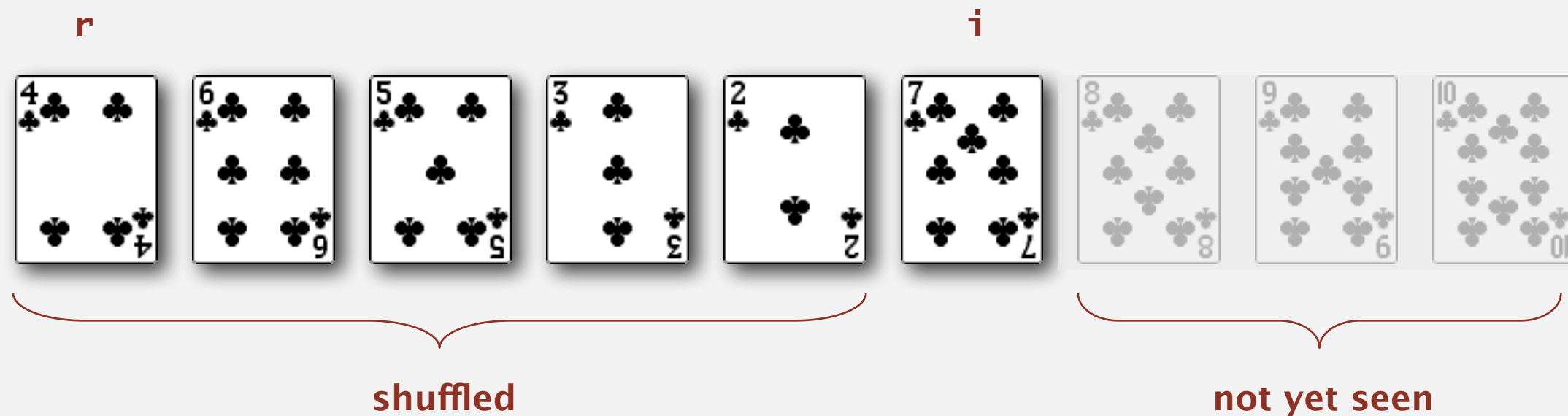
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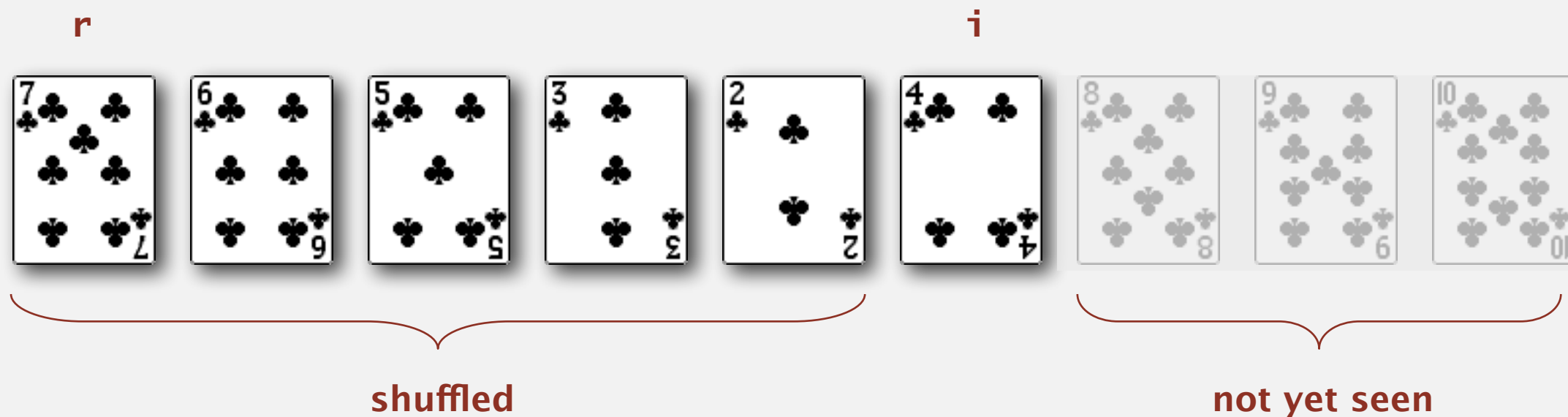
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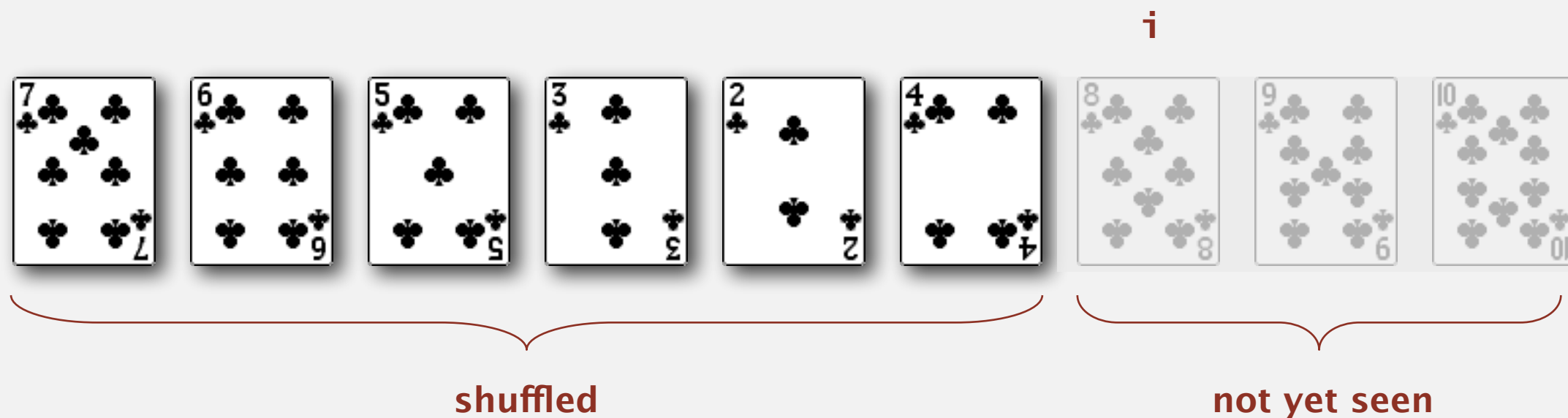
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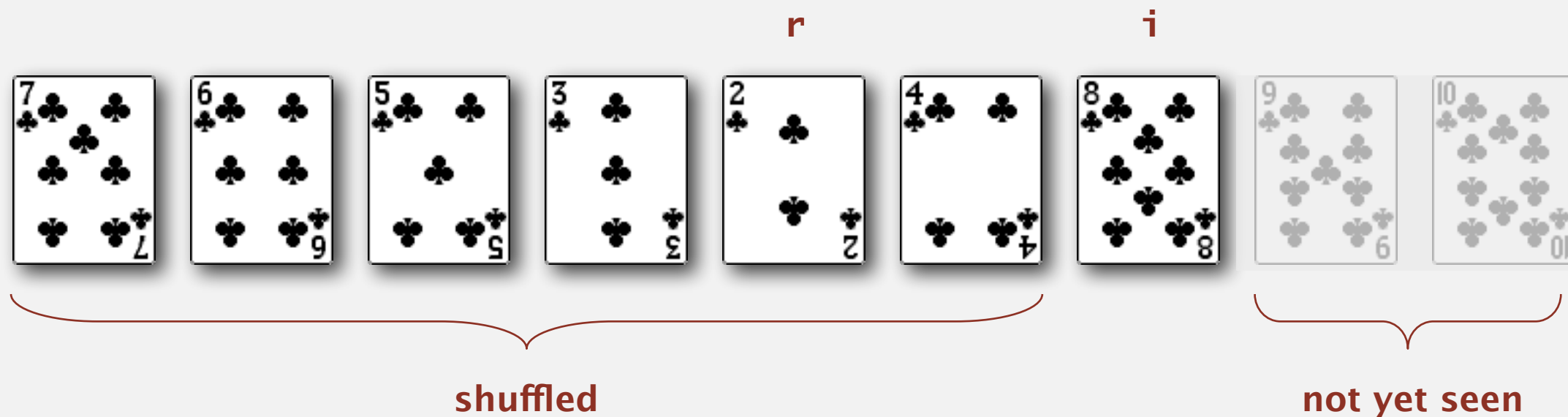
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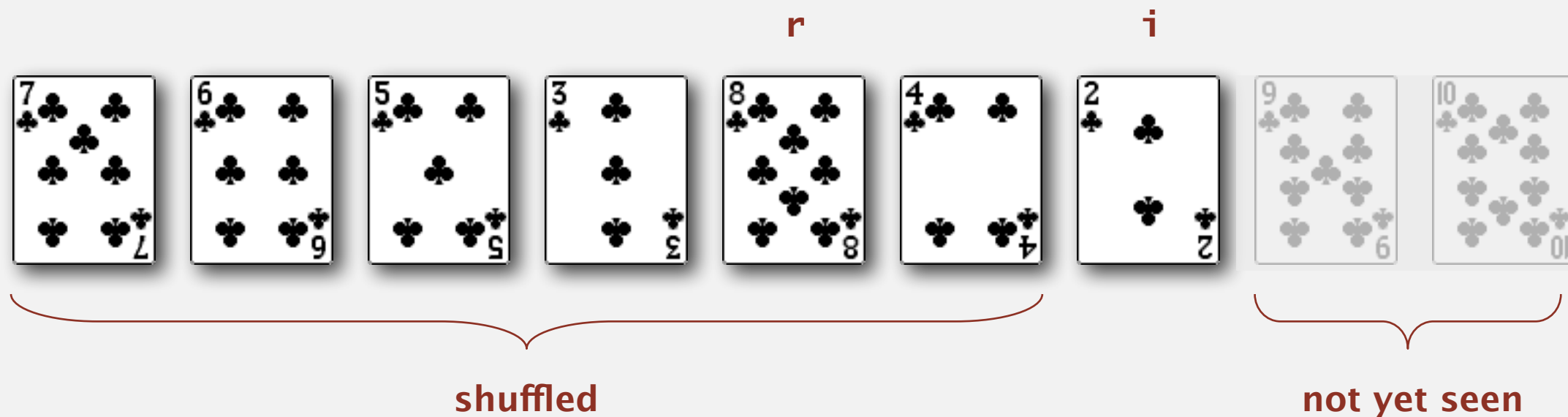
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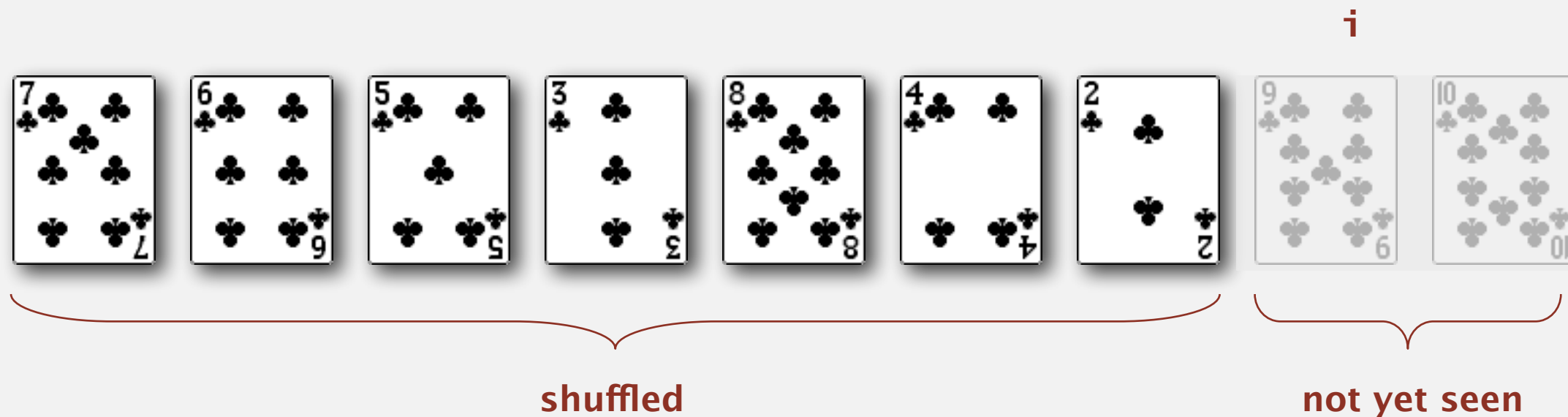
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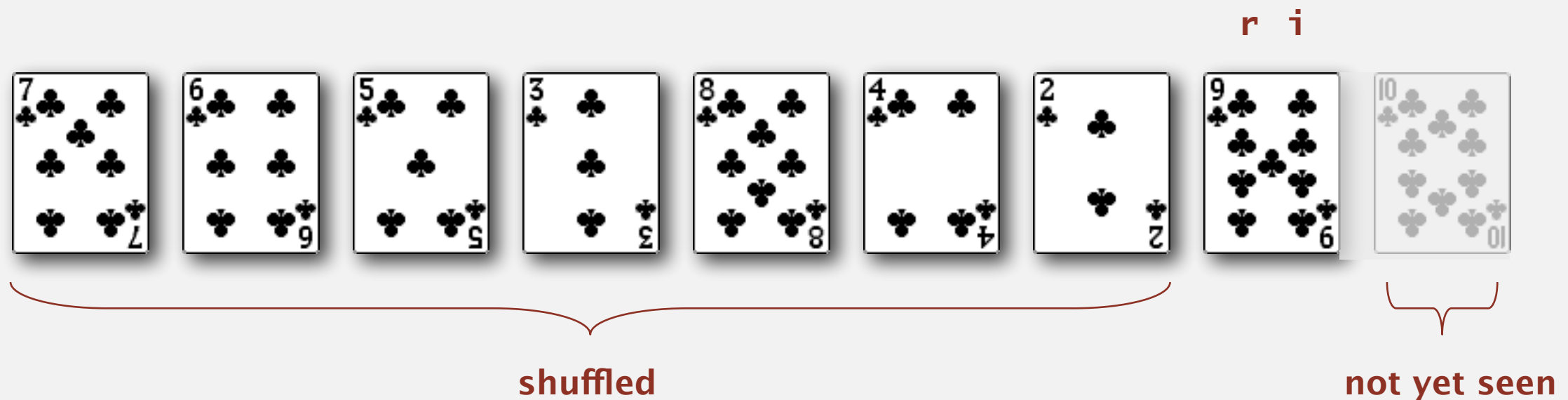
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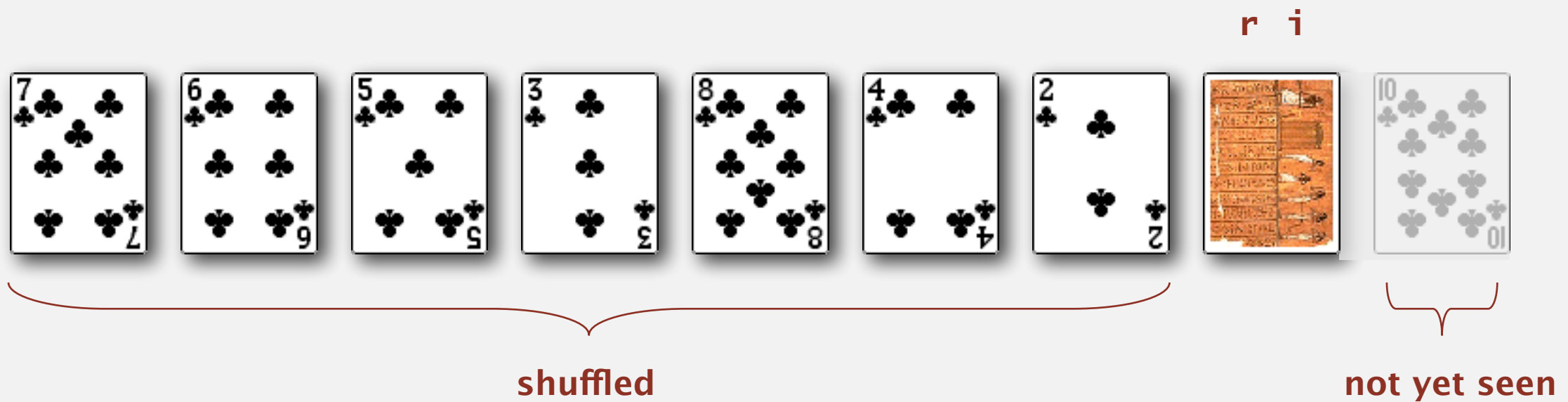
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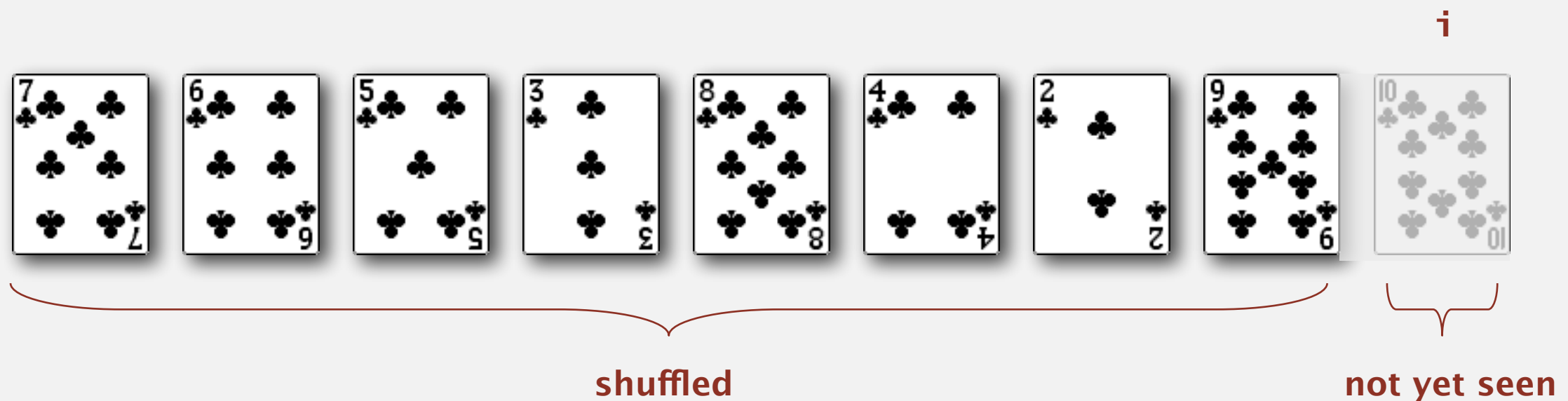
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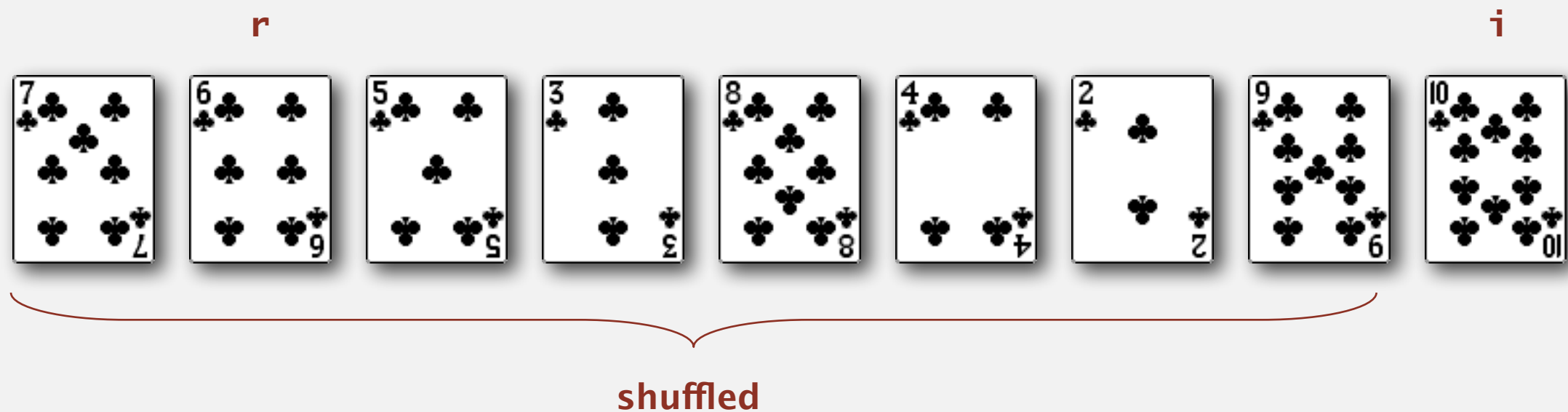
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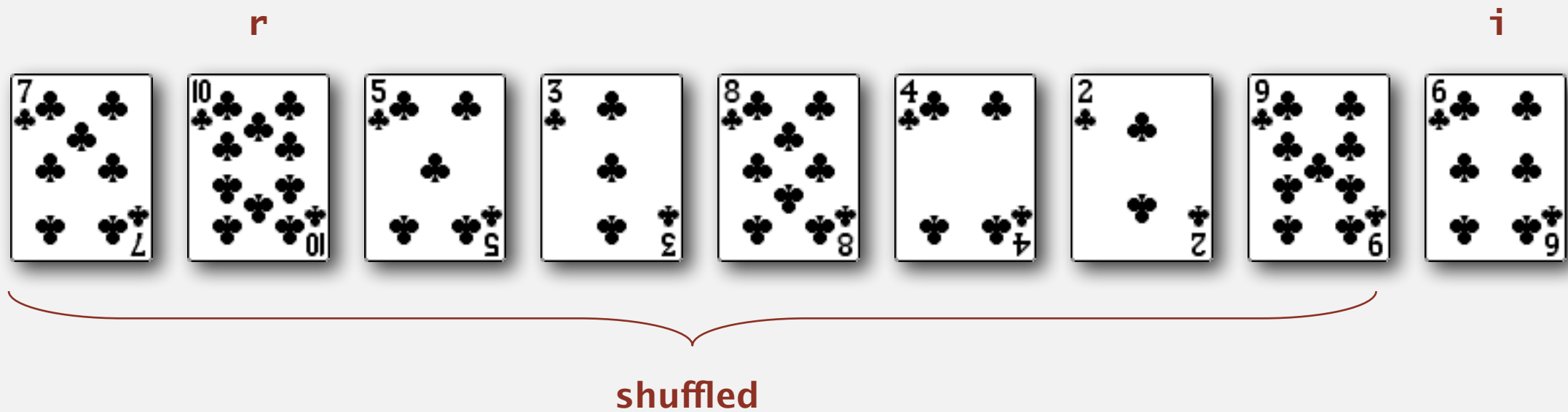
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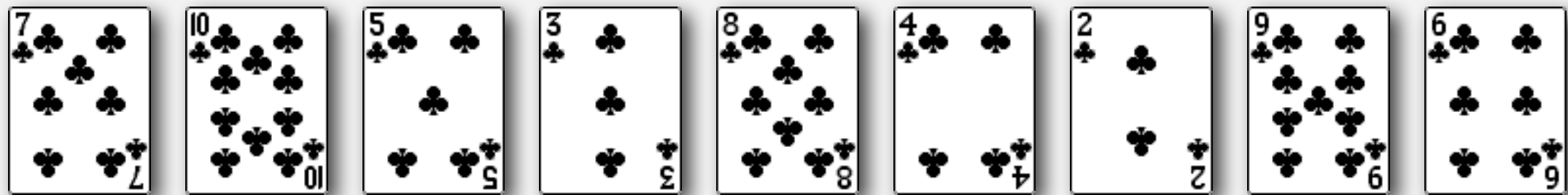
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shuffled