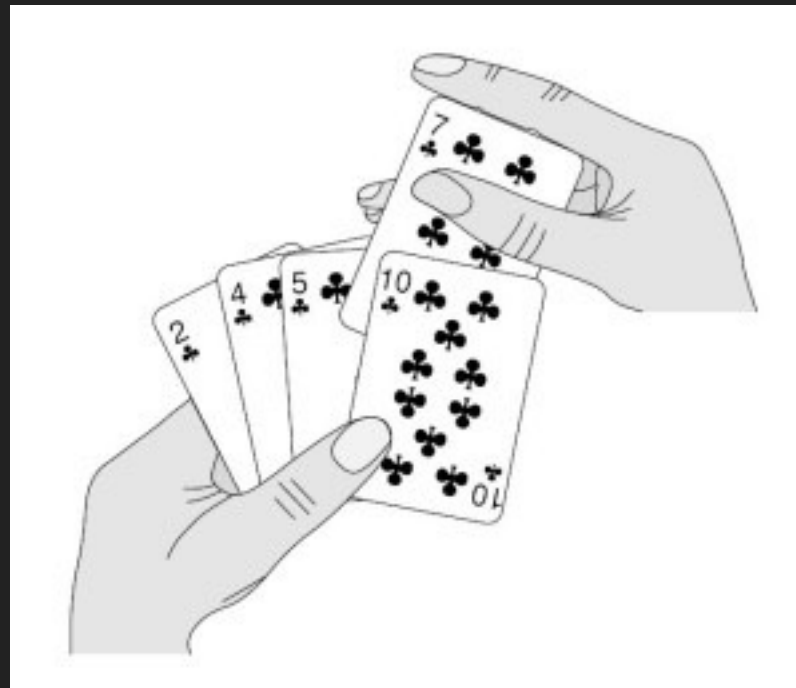


INSERTION SORT REAL LIFE EXAMPLE

- ▶ People sorting cards manually in a bridge hand.



QUICK SORT

- ▶ Also known as the partition-exchange sort.
- ▶ Works on the principle of divide and conquer.
- ▶ The fastest and most efficient sorting algorithm in practice.
- ▶ Time complexity of $O(n \log n)$.
- ▶ In place and unstable.