

## ■ Quicksort

- Best case:  $O(n(\log_2 n))$
- Average case:  $O(n(\log_2 n))$
- Worst case:  $O(n^2)$

## ■ Mergesort

- Best case:  $O(n(\log_2 n))$
- Average case:  $O(n(\log_2 n))$
- Worst case:  $O(n(\log_2 n))$