



Merge sort

MERGE-SORT $A[1 \dots n]$

1. If $n = 1$, done.
2. Recursively sort $A[1 \dots \lceil n/2 \rceil]$ and $A[\lceil n/2 \rceil + 1 \dots n]$.
3. “*Merge*” the 2 sorted lists.

Key subroutine: MERGE