

STOOGESORT(A, p, r)

1 **if** $A[p] > A[r]$

2 exchange $A[p]$ with $A[r]$

3 **if** $p + 1 < r$

4 $k = \lfloor (r - p + 1)/3 \rfloor$ // round down

5 STOOGESORT($A, p, r - k$) // first two-thirds

6 STOOGESORT($A, p + k, r$) // last two-thirds

7 STOOGESORT($A, p, r - k$) // first two-thirds again