







Stage 1 (heap construction)	Stage 2 (root/max removal)	
$1\ 9\ 7\ 6\ 5\ 8$	$9\ 6\ 8\ 2\ 5\ 7$	
298657	$7\ 6\ 8\ 2\ 5\ \ 9$	
298657	57 86725 9	
928657	$5\ 6\ 7\ 2\ \ 8\ 9$	Heapsort
968257	$7\ 6\ 5\ 2\ \ 8\ 9$	\blacktriangleright Pop the largest element from the heap, i.e., call HEAPDELMAX $(n-1)$ ti
	$2\ 6\ 5\ \ 7\ 8\ 9$	What's the complexity?
	$6\ 2\ 5\ \ 7\ 8\ 9$	$O(n \log n)$
	$5\ 2\ \ 6\ 7\ 8\ 9$	
	$5\ 2\ \ 6\ 7\ 8\ 9$	
	$2 \mid 5 \; 6 \; 7 \; 8 \; 9$	