1	teap Sort
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:	teap Sort was implemented by John Williams as uses the approach just opposite to selection sort.
	uses the approach just obbosite to selection soxt.
	The selection soxt finds the smallest element or
	"n" oclements, and smallest elements among (n-1)
	elements and so on.
	Heap is almost complète Binary Tree.
	Algorithm
	HEAP-SORT(a)
	BUILD-MAX-HEAP (a)
	for i=length[a] down to 2
	do exchange a[1] with a[i]
	heap-size[a] = heap-size[a]-1
	MAX-HEAPIFY (0,1)
	BUILD-MAX-HEAP (a)
	heap-size(a) = length[a] for i = floor(length[a]/2) down to 1 do
	for i = floor (length(a)/2) down to 1 do
	MAX-HEAPIFY(a,i)
	MAX-HEAPIFY (a, i)
	L=Deftf[i]
	R = xight[i]
	if 1 <= heap-size and a[L]>a[i]
	largest = L;
	e)se
	largest = i
	if (R<= heap-size and a[R] > a[larges+])
	largest = x;
	if (largest) = i)
	exchange ali] with allowgest]
	MAX-HEAPIFY (a, largest)  p soot works only on Max Heap or Min Heap