	Nafis Abec
	E330 HW4 34
	0 1 2 5 7 7
1)	surt A(Array A[0n-1]) [8,7,63,2,1] n = 8
1	for i= 0 to n/2 0 to 8/2 → 0 to 4
74	for j= 1/2+1 to n-1 4+1 to 3-1 or 5 to 7
	if (ACI] <= ACI]) at first then then
	Swap (AFI] i=0, AFI]=8 j=5 AFI]=3 i=0, j=6 i=0 j=7
	ACITY ACITY ACITY ACITY ACITY ACITY ACITY
	a) for every case A[i] > A[i] since the latter half
	of the array is smaller so the result is the
	same array
	b) The algorithm does not sort arrays of size >z because when an
	array like [4,5,6,7,8,3,2,1] is given, the program will return
	that exact array since for all cases A[i] will always be > A[i]
	but the returned array will not be sorted.
	c) my reasoning Br(b)
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