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CS 2050
HW #2
Exercise 2.1

1. Use selection sort to trace EASYQUESTION

E	A	S	Y	Q	U	E	S	T	I	O	N
A	E	S	Y	Q	U	E	S	T	I	O	N
A	E	S	Y	Q	U	E	S	T	I	O	N
A	E	E	Y	Q	U	S	S	T	I	O	N
A	E	E	I	Q	U	S	S	T	Y	O	N
A	E	E	I	N	U	S	S	T	Y	O	Q
A	E	E	I	N	O	S	S	T	Y	U	Q
A	E	E	I	N	O	Q	S	T	Y	U	S
A	E	E	I	N	O	Q	S	T	Y	U	S
A	E	E	I	N	O	Q	S	S	Y	U	T
A	E	E	I	N	O	Q	S	S	T	U	Y

5. An array of N items, which are already sorted, will always have the given condition as false

9. Use shell sort to trace EASYSHELLSORTQUESTION
E A S Y S H E L L S O R T Q U E S T I O N ?
E A S Y S H E L L S O R T Q U E S T I O N
16 16 13 E A E S S H E L L S O R T Q U S Y T I O N
20 12 4 E A E L L H E O N Q I R S S O S T T U S Y
19 17 1 A E E E H I L L N O O Q R S S S S T T U Y