Tuesday, August 6, 2019 1:14 PM

CS 61BL	
Summer 2019	

Name:	SID:

Please complete this worksheet during your lab, and turn it in to your TA by the end of your section. You are encouraged to work with your neighbors collaboratively.

Section Number:

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Lab 19

August 6, 2019

1 Sorting

1.1 Show the steps taken by each sort on the following unordered list:

0, 4, 2, 7, 6, 1, 3, 5

(a) Insertion sort

04276135 0 4276135 04276135 02476135 02476135

(b) Selection sort

(c) Use heapsort to sort the following array (hint: draw out the heap). Draw out the array at each step:





