

Xilun Guo

- (5 pts) How did your design for the Linked List in Assignment #5 change during implementation?
First of all, basing the lab9, I got the idea how to start the program. Letting the user input any numbers they want, and I store all of the numbers into a 1-d array. Secondly, I check all the number in the array one by one, (descending) if the next val is bigger than the val, then I use temp to get the next, val get the next, next get the temp. (Ascending) would be the opposite. Finally, just print out all the numbers after ordering them.
- (5 pts) What were the actual values from your testing? Did these match your expected values? What did you do to make sure you get the expected values?

Input Value	Expected Output	Did Actual Meet Expected?
10	Do you want another num (y or n):	Yes
y	Enter a number:	Yes
4	.....	Yes
7	.....	Yes
3	.....	Yes
6	.....	Yes
2	.....	Yes
5	.....	Yes
1	.....	Yes
9	.....	Yes
8	.....	Yes
n	Sort ascending or descending (a or d)?	Yes
d (a)	10 9 8 7 6 5 4 3 2 1 (1 2 3 4 5 6 7 8 9 10)	Yes