

Homework 8

This homework is **NOT** a programming homework. The submission **MUST** be in PDF or JPEG format. You can use software like PowerPoint or Visio to plot figures. But your submission must be in PDF or JPEG.

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
3	6	7	2	8	4	1	9	5

(If numbers are moved, then they should be marked in the array.)

Question 1:

For this given array, use **Merge Sort** to sort this array. You need to give the status of detailed steps.

Question 2:

For this given array, use **Quick Sort** to sort this array. You need to give the status of detailed steps. Always use the first value of the current sequence as the pivot.

Question 3:

For this given array, use **Bubble Sort** to sort this array. You need to give the status of detailed steps.

Requirements:

1. [5%] The Following identification information must be included at the beginning of your pdf file.
//Name: XXXXXXXX
//Email: XXXX@csueastbay.edu
2. [5%] The image is clear to read
3. [30%] Question 1
4. [30%] Question 2
5. [30%] Question 3