HOMEWORK - 1
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Team Name: NULL

Homework Requirements
- Create Merge and Insertion Sort Classes.
- Use java to call each in the main class
- Use a random number generator to generate different sets of numbers every time, however, one set of the same random numbers must be used by both sorting algorithms to compare the performance. (3 buttons- 1 for Insertion sort, 1 for Merge sort, and 1 for comparing them)
- Size of random numbers= N (minimum 100) (using array)
- Code files must be 50-50(code-comments)

Submission Requirements
1. Java GUI to compare both algorithms
2. Presentation to demonstrate how the application runs
3. Documentation for who did what and our notes(this file)
4. Can add a user manual

All files should be submitted as a ZIP file. (include team info in EACH file with seat number, CWID)
Filename Convention: CS430_yourteamname_HW1.zip

Timeline
(We met up on all of these days and worked on it together)
2/3/2020: Completed insertion sort and discussed how we want our GUI to look in a basic sense
2/5/2020: Completed merge sort
2/7/2020: Discussed what our GUI should look like and started to make GUI using JFrame.
2/10/2020: Worked on GUI using JFrame and completed GUI
2/12/2020: Made presentation
2/13/2020: Submitted homework