

Gebze Institute of Technology
Department of Computer Engineering

CSE 222
Data Structures and Algorithms
Spring 2010

Homework # 14
Sorting

Due date Jun 9th 2010, 17:00

You will NOT do any programming in this homework. Write 11 random integers between 1 and 100 on a paper. Sort these numbers using the following algorithms

- Insertion sort
- Selection sort
- Shell sort (use gap sequence 5, 3, 2 ,1)
- Merge sort
- Quick sort

Notes

- Show the configuration of the arrays after each element swap.
- Note that the due date is on Wednesday and the time is different from the other submission times.
- No late submission will be accepted for this homework.
- You will submit handwritten homework, no print outs.