Vietnam National University of HCMC

International University

School of Computer Science and Engineering

Data Structures and Algorithms
★ Advance Sorting ★

Dr Vi Chi Thanh - vcthanh@hcmiu.edu.vn

https://vichithanh.github.io

SCAN ME

Practice

- ***QuickSort1App.java***

- ***QuickSort2App.java***

- ***QuickSort3App.java***

- Add counters for the number of comparisons, swaps, and recursive calls, and display them after sorting.

- Compute the average number of comparisons, swaps, and recursive calls over 100 runs.

Practice

- ***ShellSortApp.java***

- Generate an array of 50 random elements

- Run the code to "shell sort" the array

- For each change of *h*
  - Print out *h* value
  - Print out the array

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THANK YOU

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