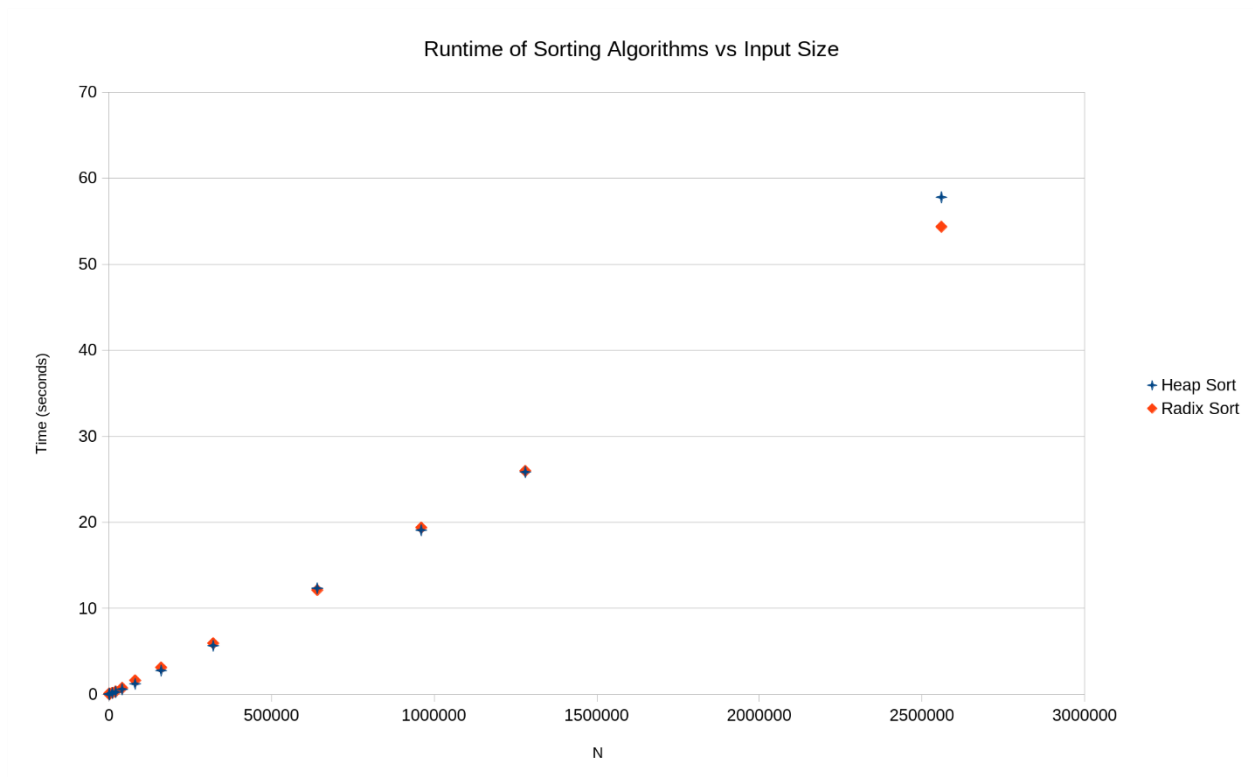Kevin Hoser and Alex Schendel
CS 324A
24 February 2020

HW 4: Sorting

1. (22 points) Upload your code file to the separate moodle submission link. Indicate which sorting algorithms you implemented in the comments and here:
    a. List 1 sorting algorithm: Heapsort
    b. List 2 sorting algorithm: Radixsort
    c. Name of partner who submitted code to moodle: Kevin Hoser

2. (5 points) Insert your runtime graph with both sorting algorithms below.

3. (3 points) How do your experimental runtimes compare to the expected runtime for your sorting algorithms?

    Heapsort ran faster than expected and appeared to sort closer to linear time, versus in n*lg(n). It took until N equal to 2.56 million to see a significant difference between the two algorithms, where radixsort was faster.