

Q1 Instructions

0 Points

To receive full credit on this quiz, you must score at least 50%.

The Github repo for Lecture 11 is at:

<https://github.com/ucsd-cse12-sp21/ucsd-cse12-sp21.github.io/tree/master/lectures/lecture-11>

Q2 Selection Sort

1 Point

Which of the following will result in the most number of element comparisons using selection sort? Select all that apply:

☒ {1, 2, 3, 4, 5}☒ {5, 4, 3, 2, 1}☒ {1, 3, 5, 2, 4}☒ {1, 4, 5, 3, 2}☒ {1, 1, 1, 1, 1}

Q3 Insertion Sort

1 Point

How many swaps will occur when performing insertion sort on {5, 3, 7, 6, 2, 9}?

☐ 3

☐ 5

☒ 6

☐ 7

☐ 9

☐ 10