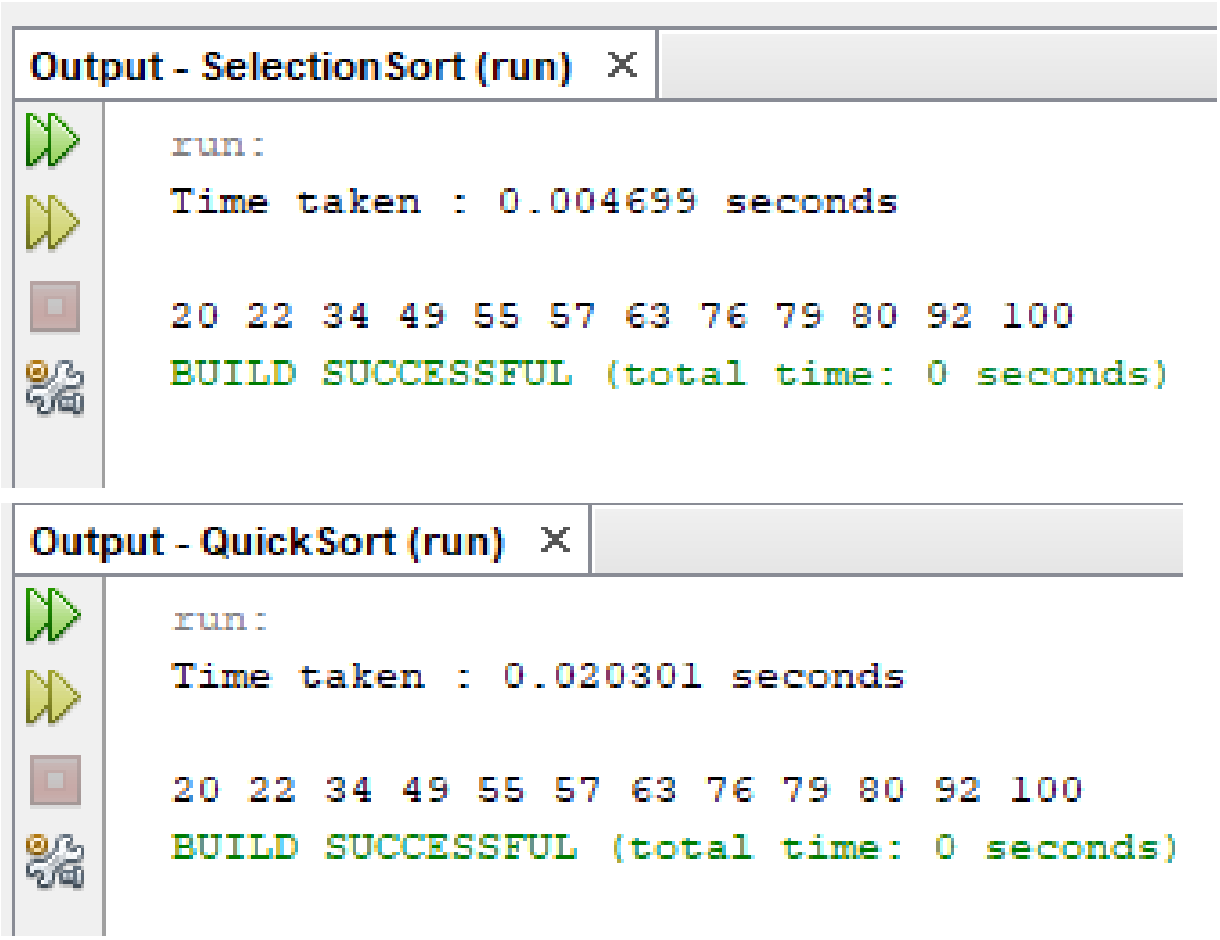

Using the same array for both sorting algorithms, we can see that Selection sort is faster than Quicksort since Quick sort separates into smaller arrays but has to repeat the entire process of comparing the pivot. However, the opposite would be true with a significantly larger array since Selection sort has to check each individual element before finding the smallest element.