

Implementing Selection Sort

📄 Module Learning Outcomes / Resources 10 min

▶ Introduction 1 min

▶ Developing an Algorithm 4 min

▶ Translating to Code 3 min

▶ In Place 9 min

▶ Efficiency 5 min

▶ Summary 1 min

📄 Programming Exercise: Implementing Selection Sort 10 min

★ Practice Quiz: Implementing Selection Sort 5 questions

Sorting at Scale

Review

Selection Sort Summary

- Sorting: putting data in order
 - Makes many problems easier/more efficient

Which is often a first step in a problem to make the rest easier or more efficient.

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Summary

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0:03
Okay, so now you have learned the basics of sorting. Putting data in order. [Which is often a first step in a problem to make the rest easier or more efficient.](#) You worked through developing a sorting algorithm using the 7-steps. This algorithm is selection sort, a well-known algorithm which is conceptually simple but slow relative to advance sorting algorithms. You did this first by sorting into a new arraylist and then in place.

0:35
Finally you learned that most languages have a built in sort, which gives you a highly efficient sort that you can use in a general way. Next, you will learn how to use this sort in Java.

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