

Catalog Search catalog

For Enterprise



≮ Back to Week 2

X Lessons

10 min

1 min

Implementing Selection Sort

Outcomes / Resources

Module Learning

Introduction

Developing an Algorithm 4 min

Translating to Code 3 min

In Place 9 min

Efficiency 5 min

Summary 1 min

Programming Exercise:

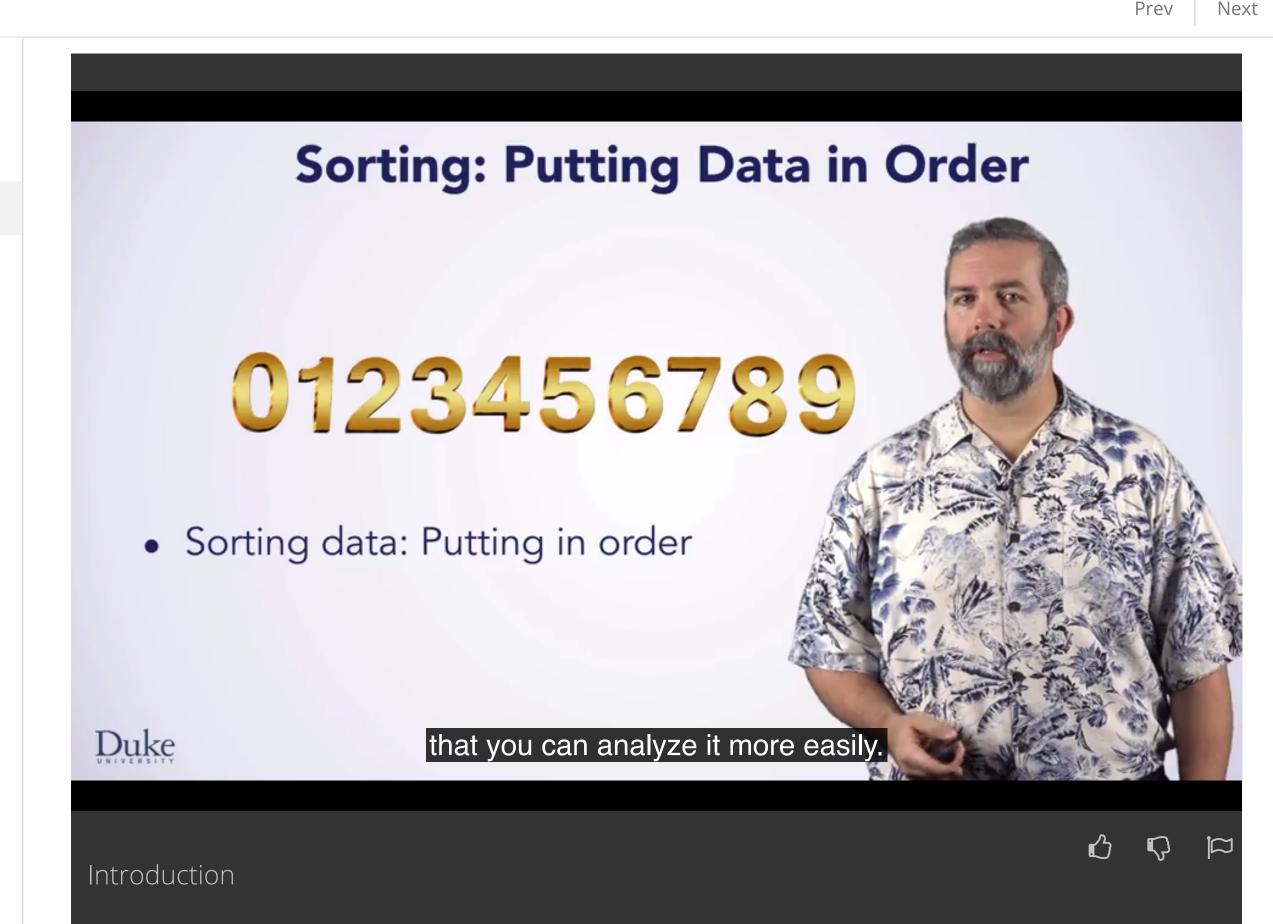
Implementing Selection 10 min Sort

Practice Quiz:

Implementing 5 questions
Selection Sort

Sorting at Scale

Review



Q

Have a question? Discuss this lecture in the week forums.

>

Interactive Transcript

Search Transcript

English 🔻

0:03

Now let's learn about sorting. Taking a bunch of data and putting it in order, so that you can analyze it more easily. Sorting has lots of applications, especially when you're dealing with very large data sets. For some problems, sorting the data as a first step makes the problem much easier to solve. Imagine if you needed to find the middle element in an array list. If the data is sorted, you can just look at the middle element directly. If the data is unsorted, what could you do? What kind of algorithm could you create to solve that problem? Sorting can also make some problems more efficient. We have not really dealt with efficiency that much in this course, just on writing codes that work. But if you are dealing with billions of pieces of data, efficiency can be the difference between seconds and years.

Downloads

Lecture Video mp4

Subtitles (English) WebVTT

Transcript (English) txt

Would you like to help us translate the transcript and subtitles into additional languages?