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For Enterprise

Java ▼

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× Lessons

3 min

Finding a Consin DNA

Finding a Gene in DNA

Finding All Genes in DNA

Introduction 48 secConceptual Understanding 4 min

While Loops 9 min

While Loop Syntax and Semantics

Coding While Loops 6 min

Three Stop Codons 5 min

Coding Three Stop Codons
- Part I
7 min

Coding Three Stop Codons
- Part II
4 min

Logical And / Or 8 min

Coding And / Or 6 min

Finding Multiple Genes 5 min

Translating to Code 8 min

Programming Exercise: 10 min
Finding Many Genes

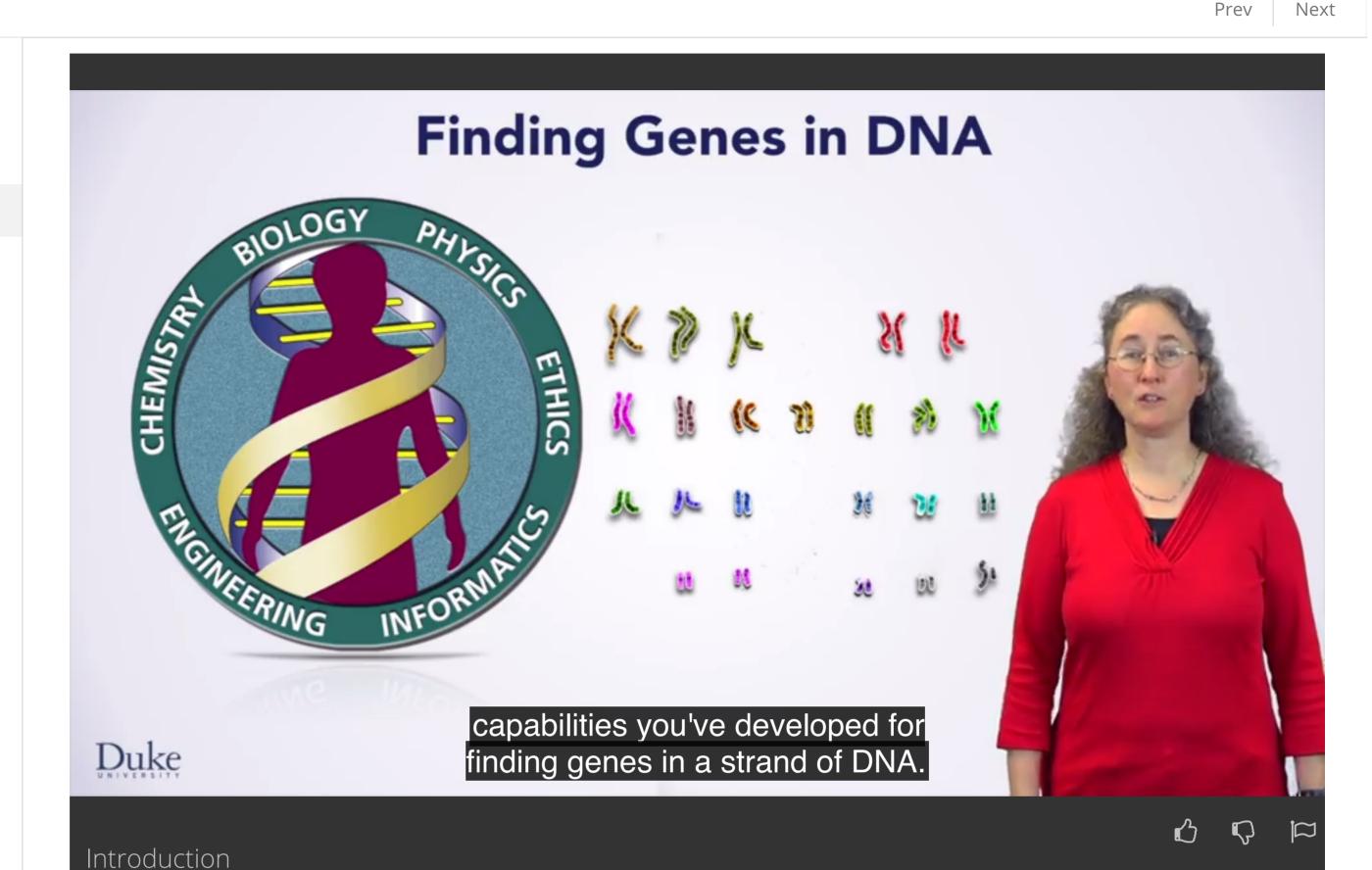
Practice Quiz:

Finding All Genes in 4 questions DNA

Debugging Code

Using the StorageResource Class

Review



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

Interactive Transcript

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0:03

Welcome. I'm excited to work with you as you extend the programming and problem solving <u>capabilities you've developed for finding genes in a strand of DNA.</u> You'll work on finding genes using a model of stop and start codons, that more closely resembles the work done by genome and computational scientists as they work on problems such as personalized medicine and understanding genetic issues with many species. You'll learn about new classes from the EDU. Duke library. And you'll practice with new programming constructs that will allow you to repeatedly execute program statements until a problem is solved. Like finding all genes in DNA or all links on a web page. Let's get started. I hope you have fun. Thank you.

Downloads

English ▼

Lecture Video mp4

Subtitles (English) WebVTT

Transcript (English) txt

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