Ruby, Part 4 of 6: Conditionals and Blocks

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Meet the expert: Jordan Hudgens has certifications for Ruby on Rails, Thinkful; Ruby on Rails, Bloc.io; Front End Development, Thinkful; and AngularJS, Thinkful. He is currently vice president of engineering for TRACKR in Midland, Texas and is working on his PhD in Computer Science from Texas Tech. In addition to Ruby, Jordan works with PHP, JavaScript, MySQL, Postgres, CSS3, C, C++, C#, Objective-C, and Python. He also works with the frameworks Rails (Ruby), Zend (PHP), and Django (Python), plus the libraries AngularJS, jQuery, and Backbone.js.

Prerequisites: You should be familiar with basic text editing in a Windows or Linux environment. No prior knowledge of programming is assumed.
This course builds on the previous ruby courses:
Ruby: Introduction and Classes, Ruby: Variables and Data Structures, Ruby: Input/Output and Gems.

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Course description: In this course, Ruby expert Jordan Hudgens dives into the topics of conditionals and blocks by exploring the various mechanisms for implementing this type of behavior into an application. He will discuss working with both standard and nested conditionals as well as give a step-by-step guide for using switch statements. Additionally, Hudgens will take a comprehensive look at blocks, giving a step-by-step demonstration on how they are used including reviewing how popular frameworks use them.

Course outline:

Standard Conditionals
• Introduction
• Standard
• Demo: Standard Conditional
• Summary

Compound Conditionals
• Introduction
• Compound
• Demo: Compound Conditional
• Demo: Conditional Order
• Summary

Operators
• Introduction
• Conditional Operators
• Demo: Conditional Operators
• Summary

Switch
• Introduction
• Switch Statements
• Demo: Switch Statement
• Summary

Guard
• Introduction
• Guard Clauses
• Demo: Guard Clause
• Summary

What Are Blocks
• Introduction
• What Are Blocks?
• Demo: Blocks
• Summary

Yield
• Introduction
• Yield
• Demo: Yield
• Summary

Block Given
• Introduction
• block_given?
• Demo: block_given?
• Demo: Practical Example
• Summary

File Class
• Introduction
• File Class with Block
• Demo: File Class
• Summary

Yield in Rails
• Introduction
• Yield in Rails
• Demo: Yield in Rails
• Summary

Ampersand
• Introduction
• Ampersand Argument
• Demo: Ampersand
• Summary