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**Learning Style: On Demand**

**Technology:**

**Difficulty: Intermediate**

**Course Duration: 5 Hours**

# Ruby Intermediate




## About this course:

The Ruby Intermediate is a course of programming language which is the number two course in the arrangement of courses on Ruby programming language. The course gives hands-on understanding and expands on the subjects educated in the basics course. The course covers further developed themes, for example, working with databases, forms, rails system, validation styles and methods. The course ends up by showing the understudies to put the entirety of the segments together to

make a respectable application for end-clients.

This intermediate course gives an extraordinary learning experience to mid-vocation level software engineers to comprehend the further developed subjects of Ruby programming language. The course empowers the understudies to compose a basic code in Ruby and build up the ideas that at last assistance in making real-life applications utilizing Ruby programming language.

## Course Objective:

- Learn information validation strategies
- Make fill-in forms
- Modify user explicit applications by making accounts for users
- Get familiar with the core syntax of Ruby programming language
- Test and ensure the value of the applications
- Incorporate the forms with databases
- Make user-friendly and presentable applications utilizing styles

## Audience:

- Ruby programming language software developers
- Experienced experts in the structure of .NET
- QA engineers
- People experienced with other languages of programming, for example, Java, C++, and Perl

## Prerequisite:

- The understudies ought to have the option to comprehend and show object-situated programming with Java 8 and Java 7 SE.
- The course needs the understudies to have sound information on working with Java.
- Furthermore, it is suggested that the understudies ought to embrace the Ruby Fundamentals course before enrolling for this course.

## Course Outline:

### Chapter 01 - Conditionals and Blocks

- **Topic A: Standard Conditionals - Part 1**
- Standard Conditionals - Part 2
- Standard Conditionals - Part 3
- **Topic B: Compound Conditionals - Part 1**
- Compound Conditionals - Part 2
- Compound Conditionals - Part 3
- **Topic C: Operators - Part 1**
- Operators - Part 2
- Operators - Part 3
- **Topic D: Switch - Part 1**

- Switch - Part 2
- Switch - Part 3
- **Topic E: Guard - Part 1**
- Guard - Part 2
- Guard - Part 3
- **Topic F: What Are Blocks - Part 1**
- What Are Blocks - Part 2
- What Are Blocks - Part 3
- **Topic G: Yield - Part 1**
- Yield - Part 2
- Yield - Part 3
- **Topic H: Block Given - Part 1**
- Block Given - Part 2
- Block Given - Part 3
- **Topic I: File Class - Part 1**
- File Class - Part 2
- File Class - Part 3
- **Topic J: Yield in Rails - Part 1**
- Yield in Rails - Part 2
- Yield in Rails - Part 3
- **Topic K: Ampersand - Part 1**
- Ampersand - Part 2
- Ampersand - Part 3

**Chapter 02 - Metaprogramming**

- **Topic A: Proc - Part 1**
- Proc - Part 2
- Proc - Part 3
- **Topic B: Lambda - Part 1**
- Lambda - Part 2
- Lambda - Part 3
- **Topic C: Proc vs. Lambda - Part 1**
- Proc vs. Lambda - Part 2
- Proc vs. Lambda - Part 3
- **Topic D: Lambdas in Rails - Part 1**
- Lambdas in Rails - Part 2
- Lambdas in Rails - Part 3
- **Topic E: Metaprogramming - Part 1**
- Metaprogramming - Part 2
- Metaprogramming - Part 3
- **Topic F: Open Class - Part 1**
- Open Class - Part 2
- Open Class - Part 3
- **Topic G: Method Missing - Part 1**
- Method Missing - Part 2
- Method Missing - Part 3
- **Topic H: Define Method - Part 1**
- Define Method - Part 2
- Define Method - Part 3

- **Topic I: Rails Metaprogramming - Part 1**
- Rails Metaprogramming - Part 2
- Rails Metaprogramming - Part 3

**Chapter 03 - Frameworks and Algorithms**

- **Topic A: Error Handling and Syntax - Part 1**
- Error Handling and Syntax - Part 2
- Error Handling and Syntax - Part 3
- **Topic B: Antipatterns - Part 1**
- Antipatterns - Part 2
- Antipatterns - Part 3
- **Topic C: Error Logger - Part 1**
- Error Logger - Part 2
- Error Logger - Part 3
- **Topic D: Sinatra - Part 1**
- Sinatra - Part 2
- Sinatra - Part 3
- **Topic E: Rails - Part 1**
- Rails - Part 2
- Rails - Part 3
- **Topic F: Insertion Sort - Part 1**
- Insertion Sort - Part 2
- Insertion Sort - Part 3
- **Topic G: Quicksort - Part 1**
- Quicksort - Part 2
- Quicksort - Part 3
- **Topic H: Binary Search - Part 1**
- Binary Search - Part 2
- Binary Search - Part 3

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