Learn to Code with Ruby

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What is Ruby?

- Ruby is an **object-oriented programming language**. We use a programming language to give a computer instructions to execute.

- Ruby was **first developed and released in 1995 by Yukihiro Matsumoto**, who goes by "Matz".

- Ruby **can be setup on all modern operating systems** (Windows, macOS, and Linux).

Why Ruby?

- Ruby is **focused on programmer productivity and simplicity**. Its syntax is much simpler than that of other languages.

- The drawback of the focus on programmer happiness is slower speed relative to other languages. Ruby is not *slow*, it's *slower*.

How Simple Ruby Can Be

```
5.times { print "Hello there!" }
```

How Simple Ruby Can Be

Hello there!Hello there!Hello there!Hello there!Hello there!

Ruby on Rails

- **Ruby on Rails (or Rails)** is a popular web development framework built on top of Ruby.

- Rails was **developed by David Heinemeier Hansson (DHH)** while working at Basecamp, then released as an open source project.

- Ruby and Rails are different *technologies*. Ruby is a prerequisite for Rails.