The Spoken Tutorial Project

- Self-explanatory: uses simple language
- Audio-video: uses multisensory approach
- Small duration: has better retention
- Learner-centered: learn at your own pace
- Learning by doing: learn and practise simultaneously
- Empowerment: learn a new **FLOSS** (**F**ree/**L**ibre and **O**pen **S**ource **S**oftware)

Target Group

- Computer Science Students
- Programmers
- Software Developers

Workshops

The Spoken Tutorial Project Team conducts workshops on Ruby and other FLOSS using spoken tutorials and gives certificates to those who pass an online test.

For more details, please visit
https://spoken-tutorial.org

Forum

We have developed a beginner friendly Forum to answer specific questions pertaining to any part of a particular tutorial.
For more details, please visit
https://forums.spoken-tutorial.org.

The Spoken Tutorial Project
is funded by the
National Mission on Education through
Information and Communication Technology,
Ministry of Human Resource Development,
Government of India.

Contact us

Email: contact@spoken-tutorial.org
Website: https://spoken-tutorial.org

Forum help
available
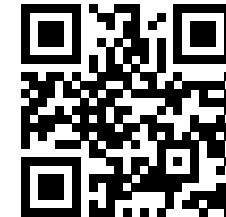to all learners

Content available
in
22 Indian languages
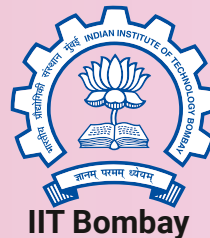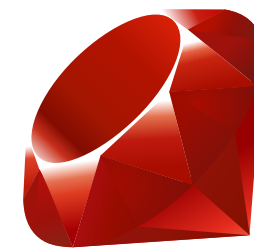
IIT Bombay

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Spoken Tutorial
https://spoken-tutorial.org

Scan the QR code to
visit Spoken Tutorial website

Ruby

National Mission on Education through
Information and Communication Technology
(NMEICT)
www.sakshat.ac.in

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Introduction

- **Ruby** is an object-oriented scripting language designed by Yukihiro Matsumoto.
- It is a free and open source language.
- Ruby syntax is much easier to read and write.

Ruby Installation

Ruby can be installed using the **Ubuntu Software Centre.**
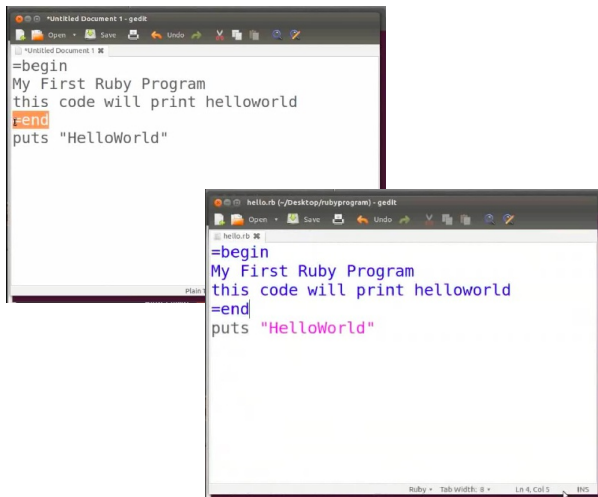
Other installation methods:
rvm (Ruby Version Manager)
https://rvm.io/rvm/install
rbenv
http://rubysource.com/
up-and-running-with-rbenv
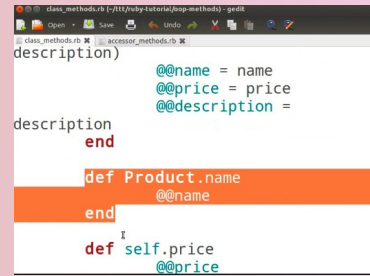
Features

- Ruby works on Linux, Windows and Mac operating system
- Ruby is very easy to learn
- It is highly portable
- Ruby is a server-side scripting language similar to Python and PERL
- It can be used for developing Internet and intranet applications
- Ruby can be embedded into Hypertext Markup Language (HTML)
- It can be used to write Common Gateway Interface (CGI) scripts
- Ruby can easily be connected to DB2, MySQL, Oracle, and Sybase
- It supports automatic memory management
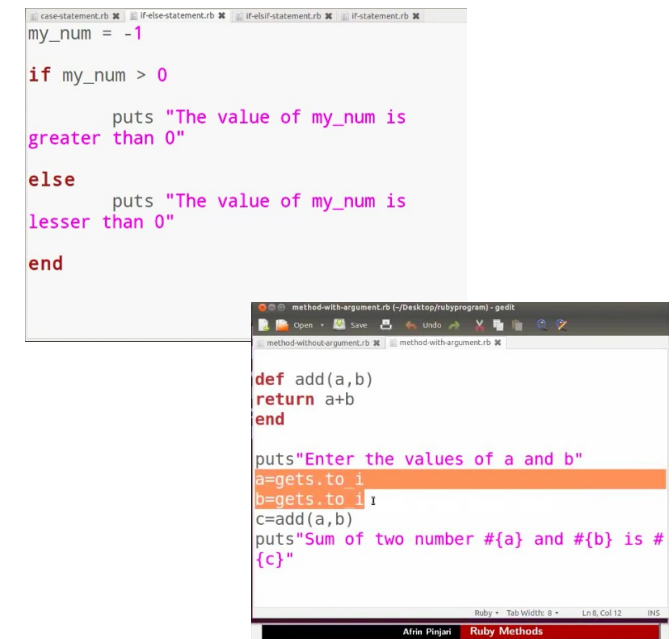- RubyGems provides a standard format for distributing Ruby programs and libraries

Spoken Tutorials in Ruby Series
Basic Level Tutorials

- Hello Ruby
- Variables in Ruby
- Ruby Methods
- Arithmetic and Relational Operators
- Logical and other Operators
- Control Statements

Intermediate Level Tutorials

- for and each looping statements
- while and until looping statements
- Object Oriented concept in Ruby
- Object Oriented Programming Methods