

Ruby On Rails Training Curriculum

Unit 1: INTRODUCTION

Introduction to RUBY, Environment
Syntax, Variables
Operators, Comments
Conditional Statements, if...else, if modifier
Unless Statement, Unless modifier
Case Statement
Loops
While Statement, While modifier
Until Statement, Until modifier
For Statement, Break Statement
Next Statement, Redo Statement
Methods, Blocks, Strings, Arrays, Hashes
Date & Time, Ranges, Iterators, File I/O

Unit 2: RUBY ADVANCED

Classes
Instance Variables, Class Variables, Global Variables
Constants, OBJECT ORIENTED, Class definition,
Ruby objects, Initialize method, Instance variables
Accessor & setter methods
Instance methods, Class methods & Variables, To_s Method
Access Control, Class Inheritance
Methods Overriding, Operator Overloading
Freezing Objects

Unit 3: RAILS

Rails Installation, SQLITE3 or MySQL (As per Requirement)
File Structure, Controller and Views and Models
Routes, Databases and Migrations
Configuring a project for Databases
Creating a database, Generating Migration
Associations, layouts, Forms, Data Validation,
CRUD USING SCAFFOLDING, Create action, read action, Update action, Delete
action

Login and Logout complete example
Project Oriented Training