Fragmatic Studio: Ruby Programming

Modules Day 1: 1. Into

Day 2 Running Rb

3. Numbers & Strings 4. Variables & Objects

5. Self

6. Methods

7. Classes

8. Attributes

9. Arrays

10. Objects interacting 11. Soparate Source files

12. Unit testing

13. Conditionals & TDD

14. Modules 15. Blocks

16. Symbols & Structs

17. Hashes

18. Custom Iterators

19. Input / Output 20. Inheritance

21. Mixing

22. Distribution

23. Wrapping up.

yellow highlight for sections 1.1. Intro to the Course + Set the expectations + build a Rb app, from start to hinish + Rb: 00 programming language + Classes, Objects, methods, etc + Understand what wakes Rb different + discuss techniques + design principles + How is this course tought? + module ul specific objective stants + askiv + Listen, watch, practice writing Rb anda Introto the Game lungue player 1 Where is this Project heading? A baded die + text-based Game who Player: name, bealth · Roll (a die): the player's health changes. • Find treasures to collect points
• Test using RSpec Spec for concepts · Come statistics · Package as a gan for distribution + a Playlist of Movies

in into program file 2. Running Ruby in script fibe (*.16) · assign the first variable: greeting · call the first method: upcase pink highlight . use the first dass: Time for terminology · write the first loop: 3. Times Doily Plan: Online Puby Course in \$3 Days · the Key to learning anything new consistent, deliberate practice . having on actual plan to follow can help. Next: add the first player to the game. I US Code expurious + deps I Nulsy - (formet), link, etc) Jehngser? Rubo Cop (Reek) 2 Solargraph - code completion, inline does, etc. 3. endwise Cont extend support for Elixir? 4. Code Runner Programming Ruby (aka Pickare) dive beeper: Chapter 18

3. Numbers & Strings
Product requirement: Every Gome needs a Playon
Player eg, "harry's health is 60."
+ wome : string
+ initial health value: number
Alternatively, a Movie has a rank. And a title
3.1 Numbers - int: Firmum Rb costs to the more general type: floats int
· (Domain) Movie pank = menits - demenits
· (Rb) All numbers are objects => they respond to messages.
3.2. Strings - single quoted (e.g., class)
La double gusted - more processing
· escape seguences:
es estrateur concateur : -t
g & coucas String of Fixmum Object # to_S
27 o string interpolation : # 2 Rb expression 29
Dieruse Next
Single vs double-quoted strings objects
e Record Seguences
a interpolate Rb expressions in strings.

4 Variables & Objects + instance methods - can be called on an object. + using the to access RDocs for classes, methods, etc. + using Ti - i seems even more user friendly Vocabulary + text: "# & name. copridative I have a health of # & health I." + capitalise is a method t called on the stoject named name and a assigned to the variable named text. puts fext center (50, 1x1) + conter is a method + that takes two parameters / arguments. · Time # strftime [SO/a/10974116] bind to variables Ruby uses 1 pass by object reference - mulability 7.25 call built-in methods pass parameters to methods explore documentation for Ruby methods. RDoc