



BerkeleyX: CS169.1x Engineering Software as a Service, Part 1



Bookmarks

- ▶ Getting Started (Week -1)
- ▶ Overview (Week 0)
- ▶ Introduction to Software Engineering (Week 1)

▼ Plan & Document vs Agile and Ruby Intro (Week 1)

ESaaS Ch. 1.2; 10.7: SW Development Processes: Plan & Document (12:16)

ESaaS Ch. 1.3: SW Development Processes: Agile (10:33)

ESaaS Ch. 1.12/13: Fallacies and Pitfalls and Chapter 1 Summary (3:04)

ESaaS Ch. 10.1: Size & Scrum (9:42)

ESaaS Ch. 10.2: Pair Programming (5:47)

Remote Pair Programming Setup (8:20)

Plan & Document vs Agile and Ruby Intro (Week 1) > Quiz 1 > Pre Test



Bookmark

Pretest

(5 points possible)

These five questions will briefly evaluate any existing background you may have in the topics that will be taught in the future by this course. This section is graded for completion (you will receive full credit for any response). **This section may only be attempted once.**

QUESTION 1:

Which of the following statements about classes in Ruby are true?



Array is an instance of Class. ✓



When self is used within the definition of an instance method, it refers to the current instance of the class. ✓



Ruby supports multiple inheritance.



Public methods of a class cannot be redefined after an instance of that class is instantiated.

?

QUESTION 2:

In Rails, which of the following can be used to store state ACROSS requests from the same user? Select all that apply.



Cookies ✓



The session[] hash ✓

Submit Test
Hangout on Air
Recording: Due
Friday Oct 30th
23:59 UTC

ESaaS Ch. 3.1:
Overview & Three
Pillars of Ruby
(16:41)


ESaaS Ch. 3.2/3:
Everything is an
Object, Every
Operation is a
Method Call (10:28)

ESaaS Ch. 3.4: Ruby
OOP (10:28)

Quiz 1

Quiz due Nov 02, 2015
at 00:00 UTC 

Homework 0: Ruby Intro

Homework 0 due Nov
03, 2016 at 23:59 UTC 

- ▶ More Ruby (Week 2)
- ▶ Intro to BDD, TDD, and SaaS (Week 2)
- ▶ SaaS Architecture and REST (Week 3)
- ▶ Rails Intro (Week 3)
- ▶ Agile Methodology: Working with


☐ Instance variables set by a controller method


☒ Class variables set by a controller method

?


QUESTION 3:

Which of the following are goals of Behavior-Driven Design (BDD)? Select all that apply.

☐ To verify that the application meets the specification 

☒ To validate that the design does what the customer wants 

☐ To help the customer understand the use of the application

☐ To ask questions about the behavior of an application before and during development 


?

QUESTION 4:

Which of the following lists the kinds of tests in order of increasing code exercise complexity?

☐ Integration tests, functional or module tests, unit tests

☐ Unit tests, integration tests, functional or module tests

☒ Unit tests, functional or module tests, integration tests 

☐ Functional or module tests, unit tests, integration tests

?

the Customer
(Week 4)

- ▶ BDD with Cucumber and Capybara (Week 4)
- ▶ TDD with RSpec (Week 5)
- ▶ Wrap Up - Final Week

QUESTION 5:

Which of the following statements are true regarding mocks in RSpec?
Select all that apply.



Mocks are used to isolate tests from the database ✓



Model mocks automatically have access to all existing methods of the model



Mocks can be created with default attribute values ✓

?

You have used 0 of 1 submissions

© All Rights Reserved



© edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

POWERED BY
OPENedX

