

**NAME : LAKSHITHA RAJ VASANADU**  
**ID : 00001115006**  
**Class : 20406 (Morning Session)**

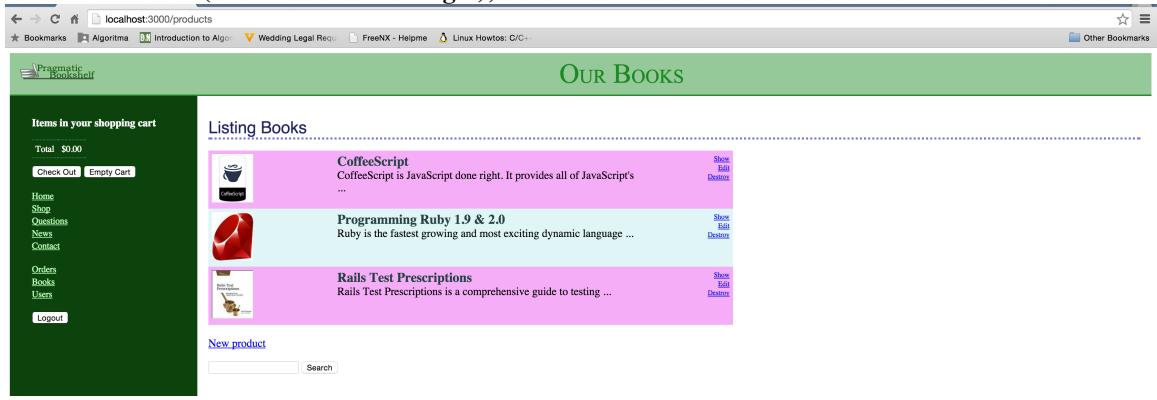
**COEN 278**  
**WEB PROGRAMMING II**  
**ASSIGNMENT 4**

**1) To run:**

```
cd store/  
rails server
```

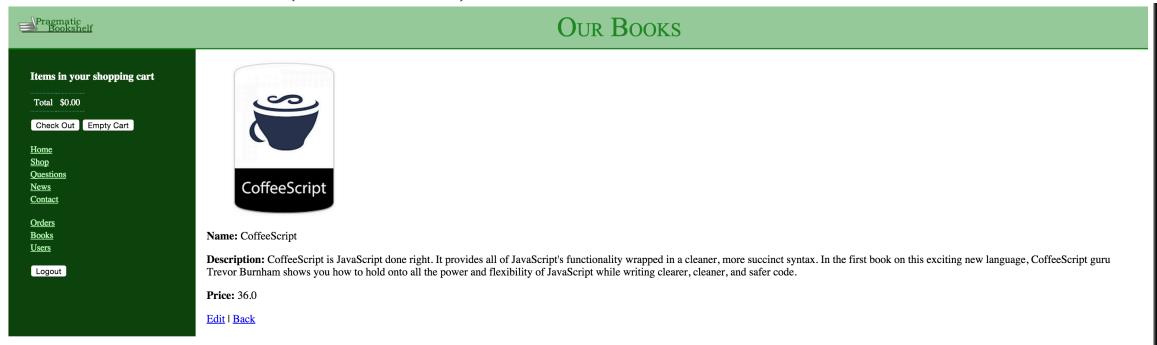
**Functions**

**1) To List all books (with book cover images), show individual book info**



The screenshot shows a web application interface. On the left, there's a sidebar with links for Home, Shop, Questions, News, Contact, Orders, Books, and Users, along with a Logout button. The main area is titled "OUR BOOKS". It displays a list of books under the heading "Listing Books". Each book entry includes a small thumbnail image, the book's title, a brief description, and three small buttons labeled "Show", "Edit", and "Delete". The first book in the list is "CoffeeScript".

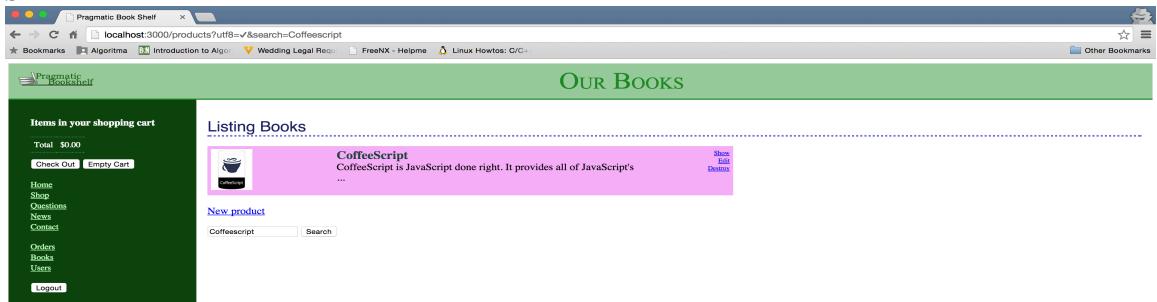
**To view individual book (Click on Show)**



This screenshot shows the details of the "CoffeeScript" book. The page title is "OUR BOOKS". The book details are as follows:  
Name: CoffeeScript  
Description: CoffeeScript is JavaScript done right. It provides all of JavaScript's functionality wrapped in a cleaner, more succinct syntax. In the first book on this exciting new language, CoffeeScript guru Trevor Burnham shows you how to hold onto all the power and flexibility of JavaScript while writing clearer, cleaner, and safer code.  
Price: 36.0  
Buttons: Edit | Back

**2) To Search books**

**Successful search:**



This screenshot shows the search results for "Coffeescript". The results list only the "CoffeeScript" book, which is identical to the one shown in the previous screenshots.

## Unsuccessful search:

A screenshot of a web browser window titled "Pragmatic Book Shelf". The address bar shows "localhost:3000/products?utf8=%E2%9C%93&search=Web+". The main content area has a green header "OUR BOOKS". On the left, there's a sidebar with "Items in your shopping cart" showing "Total \$0.00" and buttons for "Check Out" and "Empty Cart". Below this are links for Home, Shop, Questions, News, Contact, Orders, Books, Users, and Logout. The main content area displays a red-bordered message "Your search did not return any results". At the bottom, there's a search form with "Listing Books" and a "Search" button.

## Similarly, on the book catalog page:

A screenshot of a web browser window titled "Pragmatic Book Shelf". The address bar shows "localhost:3000/products/new". The main content area has a green header "OUR BOOKS". On the left, there's a sidebar with "Items in your shopping cart" showing "Total \$0.00" and buttons for "Check Out" and "Empty Cart". Below this are links for Home, Shop, Questions, News, Contact, Orders, Books, Users, and Logout. The main content area shows a search result for "Web" with a book thumbnail for "Node.js", a price of "\$38.00", and a "Add to Cart" button. At the bottom, there's a search form with "Web" and a "Search" button.

### 3) To add/edit/delete books

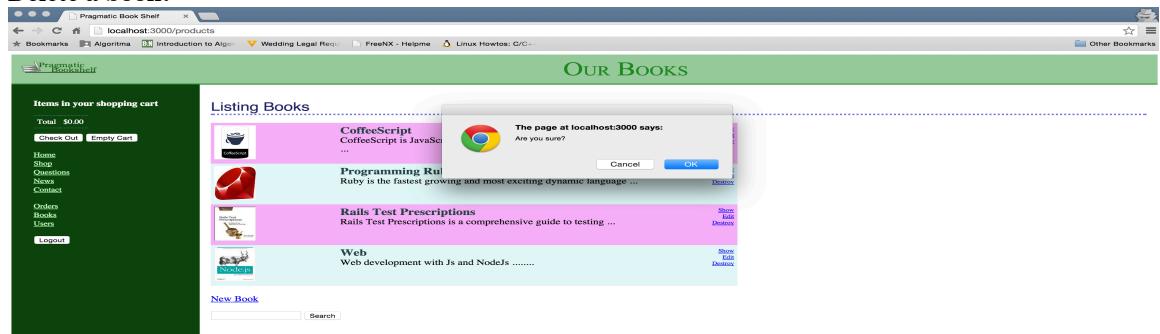
#### Add a book:

A screenshot of a web browser window titled "Pragmatic Book Shelf". The address bar shows "localhost:3000/products/new". The main content area has a green header "OUR BOOKS". On the left, there's a sidebar with "Items in your shopping cart" showing "Total \$0.00" and buttons for "Check Out" and "Empty Cart". Below this are links for Home, Shop, Questions, News, Contact, Orders, Books, Users, and Logout. The main content area shows a "New Book" form with fields for Name (set to "Web"), Description (set to "Web development with Js and NodeJs"), Image (set to "js.png"), and Price (set to "38"). There are buttons for "Create Product" and "Back".

#### Edit a book:

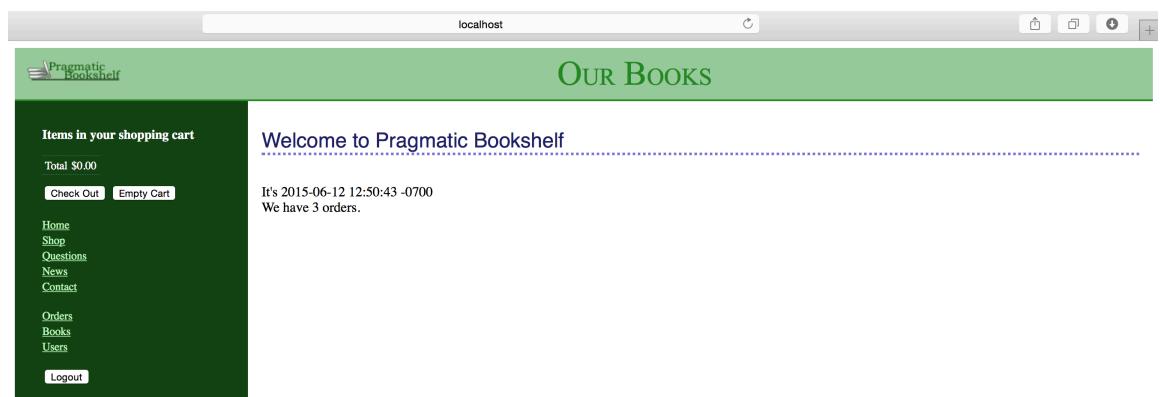
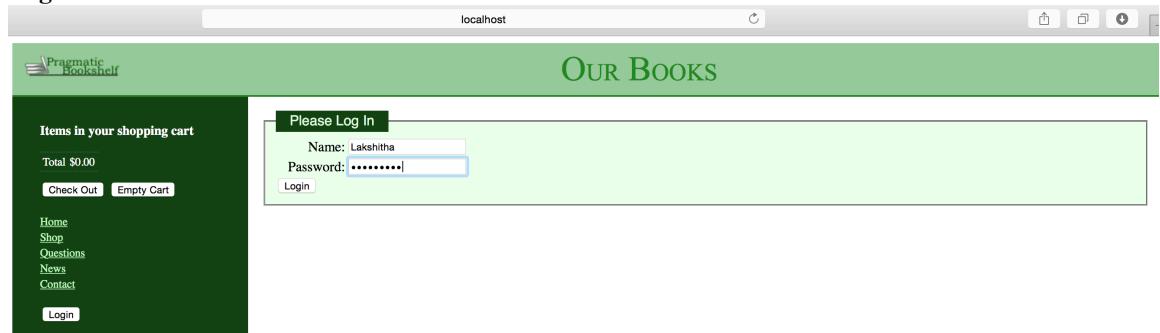
A screenshot of a web browser window titled "Pragmatic Book Shelf". The address bar shows "localhost:3000/products/10/edit". The main content area has a green header "OUR BOOKS". On the left, there's a sidebar with "Items in your shopping cart" showing "Total \$0.00" and buttons for "Check Out" and "Empty Cart". Below this are links for Home, Shop, Questions, News, Contact, Orders, Books, Users, and Logout. The main content area shows an "Editing Book" form with fields for Name (set to "Web"), Description (set to "Web development with Js and NodeJs"), Image (set to "js.png"), and Price (set to "38.0"). There are buttons for "Update Product", "Show !", and "Back".

### Delete a book:

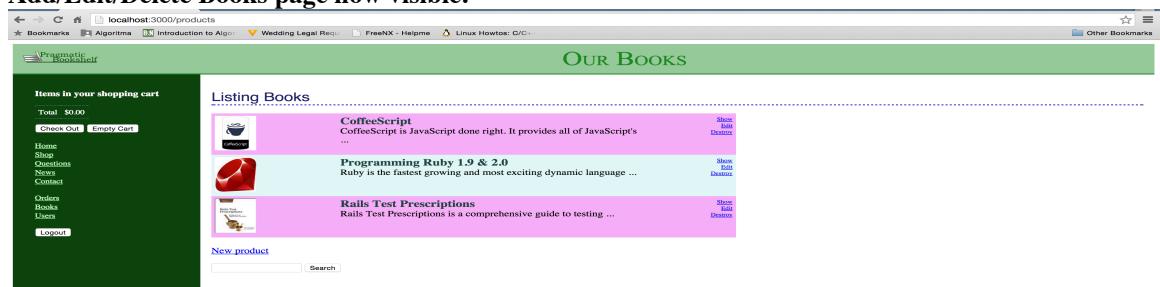


- 4) Login page to be able to do the #3 function and Logout

### Login:



### Add/Edit/Delete Books page now visible:



## Logout:

The screenshot shows the Pragmatic Bookshelf website. At the top, there's a green header bar with the text "OUR BOOKS". On the left, there's a sidebar with a dark green background containing links like "Home", "Shop", "Questions", "News", "Contact", and "Logout". The main content area has a white background. It displays a message "Logged out" in a red-bordered box. Below that, it says "Items in your shopping cart" and "Total \$0.00". There are "Check Out" and "Empty Cart" buttons. The main catalog area shows a book titled "CoffeeScript" with a price of \$36.00 and an "Add to Cart" button.

## 5) Add to shopping cart, show shopping card for list of items selected

### Adding items to cart:

This screenshot shows the same website after adding multiple items to the cart. The sidebar now lists "1x CoffeeScript", "1x Rails Test Prescriptions", and "Total \$70.95". The main catalog area shows four books: "CoffeeScript" (\$36.00), "Programming Ruby 1.9 & 2.0" (\$49.95), "Rails Test Prescriptions" (\$34.95), and "Web" (\$38.00). Each book entry includes an "Add to Cart" button.

### Empty the cart items:

This screenshot shows the website after attempting to clear the cart. A confirmation dialog box from Google Chrome appears in the center, asking "Are you sure?". The dialog box contains the text "The page at localhost:3000 says:" followed by the message from the previous screenshot: "CoffeeScript is JavaScript done right. Trevor Burnham shows you how to ...". The dialog has "Cancel" and "OK" buttons. The main content area shows the same four books as before, each with an "Add to Cart" button.

## 6) Check out the selected items

### Click on Checkout button:

The screenshot shows the Pragmatic Bookshelf website. On the left, a sidebar displays a shopping cart containing 'CoffeeScript' and 'Rails Test Prescriptions' with a total of \$70.95. It includes links for 'Check Out' and 'Empty Cart'. The main content area is titled 'OUR BOOKS' and shows a 'New Order' form. The form asks for 'Please Enter Your Info' with fields for Name (Pratyusha), Address (India), Email (sm@gmail.com), and Pay type (Credit Card). A 'Place Order' button is at the bottom.

### Click on Place Order

The screenshot shows the Pragmatic Bookshelf website. The sidebar shows a shopping cart with a total of \$0.00 and links for 'Check Out' and 'Empty Cart'. The main content area is titled 'OUR BOOKS' and shows a 'Product Catalog'. It features three book entries: 'CoffeeScript' (JavaScript done right), 'Programming Ruby 1.9 & 2.0' (Ruby is the fastest growing and most exciting dynamic language out there), and 'Rails Test Prescriptions' (Rails Test Prescriptions is a comprehensive guide to testing Rails applications). Each entry includes a small thumbnail, the book title, a brief description, and an 'Add to Cart' button.

### Checkout empty cart:

The screenshot shows the Pragmatic Bookshelf website. The sidebar shows a shopping cart with a total of \$0.00 and links for 'Check Out' and 'Empty Cart'. The main content area is titled 'OUR BOOKS' and shows a 'Product Catalog'. It features three book entries: 'CoffeeScript' (JavaScript done right), 'Programming Ruby 1.9 & 2.0' (Ruby is the fastest growing and most exciting dynamic language out there), and 'Rails Test Prescriptions' (Rails Test Prescriptions is a comprehensive guide to testing Rails applications). Each entry includes a small thumbnail, the book title, a brief description, and an 'Add to Cart' button. A red box highlights the message 'your cart is empty'.

### Some other screenshots

#### 1) Initial Page (Root URL)

The screenshot shows the Pragmatic Bookshelf website. The sidebar shows a shopping cart with a total of \$0.00 and links for 'Check Out' and 'Empty Cart'. The main content area is titled 'OUR BOOKS' and shows a 'Product Catalog'. It features three book entries: 'CoffeeScript' (JavaScript done right), 'Programming Ruby 1.9 & 2.0' (Ruby is the fastest growing and most exciting dynamic language out there), and 'Rails Test Prescriptions' (Rails Test Prescriptions is a comprehensive guide to testing Rails applications). Each entry includes a small thumbnail, the book title, a brief description, and an 'Add to Cart' button.

## 2) Home Page

Welcome to the Pragmatic Bookshelf !!!

**"Read the best books first, or you may not have a chance to read them at all."**

— Henry David Thoreau

## 3) Questions Page

**Frequently Asked Questions**

**How do I return/exchange my item?**  
An easy and hassle-free return experience awaits you! Contact the customer support for further steps.

**How quickly can I get my Order delivered?**  
It usually takes about 5-6 business days.

**How will the orders be shipped?**  
Orders are shipped via UPS or Fedex.

## 4) News Page

**News**

- Deliver Audacious Web Apps with Ember 2
- Developing for Apple Watch: Your App on Their Wrists
- XSLT Jumpstarter: Rapid Android Development updates
- Real-World Kanban and Hello, Android
- Pragmatic Scala, new May PragPub magazine
- Text Processing with Ruby, in beta
- Web Development Recipes 2nd Edition, in beta
- Learn Game Programming with Ruby: Bring Your Ideas to Life with Gosu, now in beta
- Clojure Applied: From Practice to Practitioner, now in beta

## 5) Contact Page

**Need to Contact us?**

Get in touch with us via 1-800-213-4556

## 6) Orders Page - CRUD operations under authorization

**Items in your shopping cart**

Total \$0.00

[Check Out](#) [Empty Cart](#)

[Home](#) [Shop](#) [Questions](#) [News](#) [Contact](#)

[Orders](#) [Books](#) [Users](#)

[Logout](#)

**Listing Orders**

Name	Address	Email	Pay type
Lakshitha Raj Vasanadu	3595 Granada Avenue, Unit 371 v.lakshitha.rj@gmail.com	Check	<a href="#">Show</a> <a href="#">Edit</a> <a href="#">Destroy</a>
Ashwath	3595 Granada Avenue, Unit 371 v.lakshitha.rj@gmail.com	Check	<a href="#">Show</a> <a href="#">Edit</a> <a href="#">Destroy</a>
Pratyusha	3595 Granada Avenue, Unit 371 ashwath@gmail.com	Credit Card	<a href="#">Show</a> <a href="#">Edit</a> <a href="#">Destroy</a>
	India sm@gmail.com	Credit Card	<a href="#">Show</a> <a href="#">Edit</a> <a href="#">Destroy</a>

[New Order](#)

## 7) Users Page – CRUD operations under authorization

**Items in your shopping cart**

Total \$0.00

[Check Out](#) [Empty Cart](#)

[Home](#) [Shop](#) [Questions](#) [News](#) [Contact](#)

[Orders](#) [Books](#) [Users](#)

[Logout](#)

**Listing Users**

Name	Address	Email	Pay type
Ashwath	Show Edit Destroy		
Lakshitha	Show Edit Destroy		

[New User](#)

## 8) Shop Page

**Items in your shopping cart**

Total \$0.00

[Check Out](#) [Empty Cart](#)

[Home](#) [Shop](#) [Questions](#) [News](#) [Contact](#)

[Logout](#)

**Product Catalog**

	<b>CoffeeScript</b> CoffeeScript is JavaScript done right. It provides all of JavaScript's functionality wrapped in a cleaner, more succinct syntax. In the first book on this exciting new language, CoffeeScript guru Trevor Burnham shows you how to hold onto all the power and flexibility of JavaScript while writing clearer, cleaner, and safer code.	\$36.00	<a href="#">Add to Cart</a>
	<b>Programming Ruby 1.9 &amp; 2.0</b> Ruby is the fastest growing and most exciting dynamic language out there. If you need to get working programs delivered fast, you should add Ruby to your toolbox.	\$49.95	<a href="#">Add to Cart</a>
	<b>Rails Test Prescriptions</b> Rails Test Prescriptions is a comprehensive guide to testing Rails applications, covering Test-Driven Development from both a theoretical perspective (why to test) and from a practical perspective (how to test effectively). It covers the core Rails testing tools and procedures for Rails 2 and Rails 3, and introduces popular add-ons, including Cucumber, Shoulda, Minitest, Mocha, and RSpec.	\$34.95	<a href="#">Add to Cart</a>