

# Experiment 12

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## Aim:

Build a Rails application to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings.

## Main Controller

```
class MainController < ApplicationController
  def welcome
    @num_books = Book.count
  end
  def result
    @booktitle = params[:title]
    @bookz = Book.find(:all, :conditions => "title =
'#{@booktitle}'")
  end
end
```

Code 1: main\_contoller.erb

## Welcome

```
<html>
  <title> Welcome template for books </title>
  <body>
    <p> Total number of books = <%= @num_books %> </p>
    <form action = "result" >
      Enter Searching Title: <input type="text" name="title" />
      <input type="submit" value="Search" />
    </form>
  </body>
</html>
```

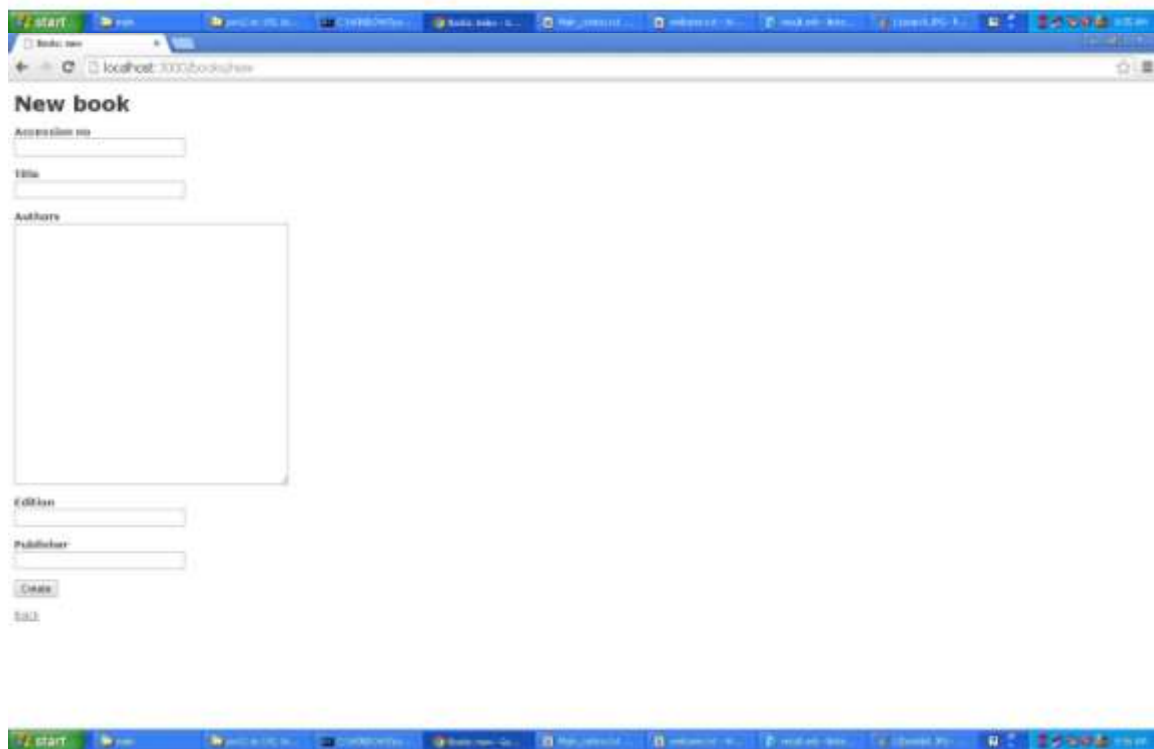
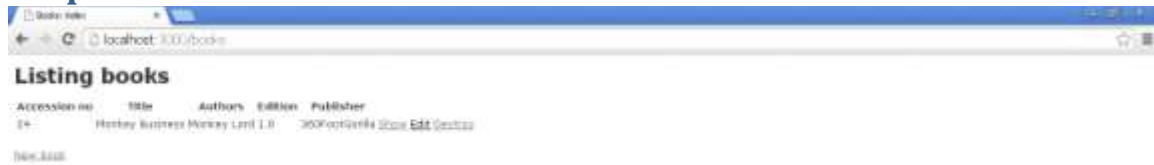
Code 2:welcome.html

## Result View:

```
<html>
<title> Welcome template for books </title>
<body>
<p> Entered book title is <%= @booktitle %> </p>
<table border=1>
<tr><th>Accession No.</th><th>Book Title</th><th>Authors </th> <th>Publishers
</th> <th>Edition </th></tr>
<% @bookz.each do |bk|
@id = bk.id
@accession= bk.accession_no
@title = bk.title
@authors = bk.authors
@publisher = bk.publisher
@edition = bk.edition %>
<tr>
<td> <%= @accession %></td>
<td><%= @title %> </td>
<td><%= @authors %></td>
<td> <%= @publisher %></td>
<td> <%= @edition %></td>
</tr>
<%end%>
</table>
</form>
</body>
</html>
```

Code 3: results.erb

## Output:



localhost:3000/many/well/tite=Monkey+Business

Entered book title is Monkey Business

Accession No	Book Title	Authors	Publisher	Edtion
04	Monkey Business	Monkey Lord	MOOP+eGorla	1.8

localhost:3000/many/welcome

Total number of books = 1.

Enter Searching Title

