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bookcontroller

1 message

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APEX:

```
<apex:page controller="BookController">
  <apex:form >
    <!-- Form to create a new book -->
    <apex:pageBlock title="Create New Book">
      <apex:pageBlockSection columns="2">
        <!-- Input fields for book title, author, and publication year -->
        <apex:inputField value="{!newBook.Title__c}" label="Book Title"/>
        <apex:inputField value="{!newBook.Author__c}" label="Author"/>
        <apex:inputField value="{!newBook.Publication_Year__c}" label="Publication Year"/>
      </apex:pageBlockSection>
      <!-- Save button -->
      <apex:commandButton value="Save Book" action="{!saveBook}"/>
    </apex:pageBlock>

    <!-- Display existing books -->
    <apex:pageBlock title="Existing Books">
      <apex:pageBlockTable value="{!books}" var="book">
        <apex:column value="{!book.Title__c}" headerValue="Book Title"/>
        <apex:column value="{!book.Author__c}" headerValue="Author"/>
        <apex:column value="{!book.Publication_Year__c}" headerValue="Publication Year"/>
        <apex:column >
          <!-- Update button for each book -->
          <apex:commandButton value="Update" action="{!updateBook}" />
        </apex:column>
      </apex:pageBlockTable>
    </apex:pageBlock>
  </apex:form>
</apex:page>
```

PUBLIC:

```
public class BookController {
  // List to hold books
  public List<Book__c> books { get; set; }
  // Variable to hold new book information
  public Book__c newBook { get; set; }
  // Constructor to fetch existing books from Salesforce
  public BookController() {
    books = [SELECT Id, Title__c, Author__c, Publication_Year__c FROM Book__c LIMIT 10];
    newBook = new Book__c(); // Initialize the new book object
  }
  // Method to save a new book
  public PageReference saveBook() {
    insert newBook; // Insert the new book into Salesforce
    books.add(newBook); // Add the new book to the list of books
    newBook = new Book__c(); // Reset the form for the next input
    return null; // Stay on the same page
  }
  // Method to update book details
  public PageReference updateBook() {
    update books; // Update all books in Salesforce
    return null; // Stay on the same page
  }
}
```