EXPT 8 – AJAX along with nginx?

CODE

```
book.html
```

"books": [

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Books</title>
</head>
<body>
  <h1>Books</h1>
 <!-- HTML book content -->
  <div id="htmlBooks">
   <h2>HTML Books</h2>
   <div class="book">
     <h3>HTML Book 1</h3>
     <strong>Author:</strong> John Doe
     <strong>Price:</strong> $20
   </div>
   <div class="book">
     <h3>HTML Book 2</h3>
     <strong>Author:</strong> Jane Smith
     <strong>Price:</strong> $25
   </div>
   <div class="book">
     <h3>HTML Book 3</h3>
     <strong>Author:</strong> Mark Johnson
     <strong>Price:</strong> $15
   </div>
  </div>
</body>
</html>
book.json
```

```
{
    "title": "JSON Book 1",
    "author": "Mark Johnson",
    "price": "$15"
},
{
    "title": "JSON Book 2",
    "author": "Emily Brown",
    "price": "$18"
},
{
    "title": "JSON Book 3",
    "author": "David Lee",
    "price": "$20"
}
```

book.xml

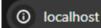
}

```
<books>
  <book>
    <title>XML Book 1</title>
    <author>Jane Smith</author>
    <price>$25</price>
  </book>
  <book>
    <title>XML Book 2</title>
    <author>John Smith</author>
    <price>$30</price>
  </book>
  <book>
    <title>XML Book 3</title>
    <author>Alice Johnson</author>
    <price>$22</price>
  </book>
</books>
```

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Book Data</title>
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
<script>
$(document).ready(function() {
  $("#htmlButton").click(function() {
    $.ajax({
      url: "books.html",
      dataType: "html",
      success: function(data) {
         $("#result").html(data);
      }
    });
  });
  $("#xmlButton").click(function() {
    $.ajax({
      url: "books.xml",
      dataType: "xml",
      success: function(data) {
         var result = "";
         $(data).find("book").each(function() {
           var title = $(this).find("title").text();
           var author = $(this).find("author").text();
           var price = $(this).find("price").text();
           result += "Title: " + title + ", Author: " + author + ", Price: $" + price + "
        });
         result += "";
         $("#result").html(result);
      }
```

```
});
  });
  $("#jsonButton").click(function() {
    $.ajax({
      url: "books.json",
      dataType: "json",
      success: function(data) {
        var result = "";
        $.each(data.books, function(index, book) {
          result += "Title: " + book.title + ", Author: " + book.author + ", Price: $" + book.price + "
        });
        result += "";
        $("#result").html(result);
      }
    });
  });
});
</script>
</head>
<body>
<button id="htmlButton">Load HTML Data</button>
<button id="xmlButton">Load XML Data</button>
<button id="jsonButton">Load JSON Data</button>
<div id="result"></div>
</body>
</html>
```





Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org. Commercial support is available at <u>nginx.com</u>.

Thank you for using nginx.

C:\Windows\System32>cd C:\Users\noelm\Documents\PROJECTS\Colle ge-Lab-Works\S6 MWA (Modern Web Applications)\Expt8 - AJAX wit h HTML, XML and JSON data\New\nginx-1.25.5

C:\Users\noelm\Documents\PROJECTS\College-Lab-Works\S6 MWA (Mo dern Web Applications)\Expt8 - AJAX with HTML, XML and JSON da ta\New\nginx-1.25.5>nginx.exe

Load HTML Data | Load XML Data | Load JSON Data

- Title: JSON Book 1, Author: Mark Johnson, Price: \$\$15 Title: JSON Book 2, Author: Emily Brown, Price: \$\$18
- Title: JSON Book 3, Author: David Lee, Price: \$\$20

Load HTML Data Load XML Data Load JSON Data

- Title: XML Book 1, Author: Jane Smith, Price: \$\$25
- Title: XML Book 2, Author: John Smith, Price: \$\$30

Title: XML Book 3, Author: Alice Johnson, Price: \$\$22

Load HTML Data | Load XML Data | Load JSON Data

Books

HTML Books

HTML Book 1

Author: John Doe

Price: \$20

HTML Book 2

Author: Jane Smith

Price: \$25

HTML Book 3

Author: Mark Johnson

Price: \$15