1. Watch the videos Ajax using jQuery 1-4 in the playlist below:

<https://www.youtube.com/playlist?list=PLdKlLfZbiX-J_JY5AZU1XIYYg49MNv6cU>

2. Download startup files from GitHub

<https://github.com/ManjulaChandirasekaran/IT2320StartupFiles/tree/master/Ajax%20CORS%20startup%20files>

3. Download Visual studio 2017 and Visual Studio GitHub Extension as these are required for this lab.

**Implement the following ajax change:**

in BookStore application /Controller/BooksController.cs, there is a method called SearchByYear. This action method will take an integer called “year” as a parameter and return a JSON of books that have been published on or after the given year.

**BooksController.cs**

public ActionResult SearchByYear(int year)

{

var books = db.Books.Where(a => a.Year >= year);

return Json(books, JsonRequestBehavior.AllowGet);

}

Index.cshtml (This shows you the elements and their ids on the page that displays books)

A screenshot of a cell phone

Description automatically generated

To call the SearchByYear method, we need to do a jquery ajax call to this method from the Scripts/Apps/myScript.js file.

In your javascript code:

1. Attach a click event to the button above with id = "search2"

2. Inside the click event, make an ajax call to the URL "/Books/SearchbyYear". Remember this is a GET method not a POST method so use appropriate ajax call.

3. The input parameter is the year entered inside the textbox with id = "YearSearch"

4. The results of this search which will be a list of books, should be displayed under the div with id="results2"

5. The only file you have to change is the myscript.js file. You don't have to modify any other file.

6. You have to build the application everytime you make a change.

7. Then run the application and go to /books.

8. Open google developer toolbar and look in “sources” to make sure the Scripts/Apps/myScript.js shows your changes. Otherwise clear your browser cache. Close all chrome browsers and go back to step 7.

<https://support.google.com/accounts/answer/9098093?co=GENIE.Platform=Desktop&hl=en&visit_id=636771258920498803-1502474499&rd=1>