Assessment 5 – Book Donation Repository
Deadline : 1 hour Before Next Lab [25-March]

1. Open the project named **BooksDonation**. You will find a **data** folder that contains **catalog.books.json**

2. Create a class named **BooksRepo** and write the methods shown in the table below using async-await

3. Create a test file called **BooksRepo.spec.js** that tests all **BooksRepo** methods using **Mocha** and **Chai**.

getBook(name)	Returns the book object if found otherwise "Not found" exception.
getBooksByPageCount(pageCount)	Returns the books with pages >= the pageCount parameters. E.g. Calling the function with pageCount=200 should return all the books with pages >= 200.
getBooksByAuthor(author)	Returns all the books authored by that specific author. **Note**: some books have more than one author. You should consider those too and return them as well.
getBooksbyCatagory(category)	Returns the books for a particular category. E.g. Calling the function with *category = Programming* should return all the programming books.
getAuthorsBookCount()	Returns a map that contains the author name and the number of books they have authored. E.g. | Author Name	Book Count
James	2
Ali	4	

You should use async/await, and other JavaScript features such as arrow functions, array functions (.map, .reduce, .filter, .splice, .sort…), spread operator, object literals, and classes in your implementation.

After you complete the lab, fill in the *Lab6-TestingDoc-Grading-Sheet.docx* and save it inside *Lab6-AsyncJS* folder. Sync your repository to push your work to Github.