**Book Publishing (Steps to execute and test various tasks on assignment 2.1)**

**Pre-requisite step:** mvn clean install

**Task 1: Find all books without authors and categories.**

**Run Command:** java -jar ./target/find-all-books-without-author-without-category.jar com.books.publishing.FindAllBooksWithoutAuthorAndCategory

**Debug Command:** mvnDebug exec:java -Dexec.mainClass="com.books.publishing.FindAllBooksWithoutAuthorAndCategory”

**Task 2: Find all books with authors and categories.**

**Run Command:** java -jar ./target/find-all-books-with-its-author-and-category-details.jar com.books.publishing.FindAllBooksWithAuthorAndCategory

**Debug Command:** mvnDebug exec:java -Dexec.mainClass="com.books.publishing.FindAllBooksWithAuthorAndCategory”

**Task 3: Find a book with authors and a category name by book's ID.**

**Run Command:** java -jar ./target/find-all-books-with-its-author-and-category-details-by-bookId.jar com.books.publishing.FindAllBooksWithAuthorAndCategoryByBookId

**Debug Command:** mvnDebug exec:java -Dexec.mainClass="com.books.publishing.FindAllBooksWithAuthorAndCategoryByBookId"

**Task 4:**  **Create a new book with a new author(s) not persisted yet in your database.**

**The book should belong to one of the category already persisted in your database. Save the book and the author(s) in the database.**

**Run Command:** java -jar ./target/insert-books-with-new-author-and-existing-category.jar com.books.publishing.InsertBookAuthorToExistingCategory

**Debug Command:** mvnDebug exec:java -Dexec.mainClass="com.books.publishing.InsertBookAuthorToExistingCategory”

**Task 5: Delete the saved book and author(s) from the database.**

**Run Command:** java -jar ./target/delete-new-book-with-new-author.jar com.books.publishing.DeleteRecentlySavedBookWithAuthor

**Debug Command:** mvnDebug exec:java -Dexec.mainClass="com.books.publishing.DeleteRecentlySavedBookWithAuthor”

**Task 6: Find all books for one author id who has more than one book in your database.**

**Run Command:** java -jar ./target/find-all-books-with-same-author.jar com.books.publishing.FindAllBooksWithSameAuthor

**Debug Command:** mvnDebug exec:java -Dexec.mainClass="com.books.publishing.FindAllBooksWithSameAuthor”

**Task 7:** **Find all books by native queries. No authors and categories.**

**Run Command:** java -jar ./target/find-all-books-using-native-query.jar com.books.publishing.FindAllBooksUsingNativeQuery

**Debug Command:** mvnDebug exec:java -Dexec.mainClass="com.books.publishing.FindAllBooksUsingNativeQuery”