

ASSIGNMENT 12 – W3D4 – LESSON13 –MongoDB App Programming:

In this assignment, you will practice setting up the tools and programming database application for MongoDB, based on the following requirement:

Task 1: Implement an application to read existing data from a MongoDB database:

Create a new project for a node.js CLI application, named, my_library_books_app, using npm.

Implement code for the application, such that when executed, it connects to your MongoDB server and queries/fetches data (i.e. Books documents) from the booksCollection found in the database named, MyLibraryBooks-DB (which you created in Assignment 9) and displays the data to the console.

Task 2: Implement an application to write data to a new MongoDB database:

Create a new project for a node.js CLI application, named, my_products_app, using npm.

Implement code for the application, such that when executed, it connects to your MongoDB server and creates a new database named, MyProducts-DB, creates a collection named, productsCollection and it inserts the following Product data:

```
Product1:{"product_id": 101, "name": "Apple", "unit-price": 1.09, "quantity": 125}  
Product2:{"product_id": 102, "name": "Banana", "unit-price": 0.89, "quantity": 94}  
Product3:{"product_id": 103, "name": "Carrot", "unit-price": 1.15, "quantity": 341}
```

Note: While performing the above tasks, remember to take screenshot(s) of your work and save into a document, which you will also submit to the Assignment 12 item on Sakai.

//-- The End --//