

ASSIGNMENT 9 – W3D1 – LESSON10 – Introduction to MongoDB:

In this assignment, you will practice setting-up and working with the MongoDB NoSQL database product, by doing the following:

1. First, using the tutorial document/guide provided, obtain and install the latest version of MongoDB Community Edition on your local machine.
2. Create a new Database named, MyLibraryBooks-DB
3. In the database, create a Collection named, booksCollection
4. Populate the booksCollection with the following data:

#	ISBN	Book Title	Overdue Fee	Publisher	Date Published
1.	ISBN-000-234	C# Foundation	\$2.90	First Head	2020-05-05
2.	978-0135166307	Core Java - Fundamentals	\$1.75	Pearson	2018-08-27
3.	978-0321714114	C++ Primer	\$9.99	Stanley B. Lippman	2019-08-08
4.	1234534	Dagmay Fetene	\$50.00	Dr Kibreab Kibrewosen	1999-02-04
5.	978-0073523323	Database Systems Concepts, 6th Edition	\$1.47	McGraw-Hill	2011-05-19
6.	012345	Design patterns	\$45.80	publisher1	2020-05-08
7.	123-45677891	Getch Book edited	\$3.00	Longman	2019-05-06
8.	21312423535	Godfather	\$4.00	ARA	1870-06-13
9.	978-0135974488	Hacker Cookbook	\$10.00	TopSecurity	2020-05-01
10.	1234-121210	Harry Potter	\$0.00	Habtom W.Michael	null

Note that: The data fields are – ISBN, Book Title, Overdue Fee, Publisher and Date Published

5. Write and execute a query to display all the documents in the booksCollection (include code to make the result be displayed in a readable JSON format).
6. Write and execute a query to display the document(s) in the booksCollection where ISBN is “978-0135166307”.
7. Write and execute a command to update/change the Book Title of the Book whose ISBN is “978-0321714114” from “C++ Primer” to “C++ Primer, 2nd Edition”.
8. Write and execute a command to delete the Book whose ISBN is “1234-121210”.

9. ...

Note: For each of the above tasks, take screenshot(s) of your work and save into a document, which you will submit to the Assignment 9 item on Sakai.

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