**In-Class Practice Exercise  
SQL Statements**

**Exercise Instructions:**

* Create a database table below using the given the table illustration as your reference.
* Save the file in your student drive/www/mysql folder with the filename **db\_exer1.php.**

**Book**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Book ID** | **Title** | **Author** | **Book Price in AUD$** | **Borrower ID** | **Date** |
| 1 | Dreamweaver A+ | Lory Grace Sacol | 65 | Stud03 | 14/05/13 |
| 2 | Adobe Flash for Games | Giovanni Montesa | 70 | Stud02 | 23/05/13 |
| 3 | Adobe Flash for Web | Jessie Ayala | 45 | Stud02 | 20/06/13 |
| 4 | Cooking 101 | Charmaine Garcia | 35 | Stud01 | 18/03/13 |

Illustration: DB – Ex1

1. Connect to the Database Server.
2. Select the appropriate Database.
3. Create a new table Book inside the Database.
4. Insert the records as provided in ***Illustration DB – Ex1***
5. Display ALL the records in a tabular data format with a header title: **ABC Borrowed Books**
6. Display the record(s) in a tabular data format whose author has a name with ‘Ayala’ with a header title:   
   **Books of the Author: Jessie Ayala.**
7. Display all Adobe books in the database in a tabular data format with a header title:   
   **ABC Library’s Adobe Books.**
8. Sort the order of the books in the library according to prices from the most expensive to the cheapest book with a header title: **ABC Library’s Books Sorted by Price.**
9. Change the return date of the Cooking book from 18/03/13 to 18/05/13 and display all the records in a tabular data with a header title: **Updated Return Date.**
10. Display all the books borrowed by Stud02 and display all the records in a tabular data with a header title: **Stud02’s Borrowed Books**
11. ADD another column / field in the table for Publisher and display all the records in a tabular data with a header title: **Table Update – Publisher.**
12. Delete the Column for Date and display all the records in a tabular data with a header title: **Delete Date Borrowed.**
13. Delete the record of the book written by Lory Grace Sacol and display all the records in a tabular data with a header title: **Lost Book – New List.**

**Submission Method:  
Submit the assessments in class during the assessment time period.**

* Once done, show your work to teacher.