



INDIAN SCHOOL MUSCAT
SENIOR SECTION
INFORMATICS PRACTICES
CLASS XI (2018-19)
Topic : MySQL - REVISION
Lab Work Sheet : 7

Write SQL Commands to do the following :

1. Create a table LIBRARY with the fields : BookId varchar(10), Name varchar(30), Author varchar(30), Quantity integer, Price Numeric(8,2) and BType varchar(15)
Ensure the following constraints are met
 - Make BookId as the Primary key
 - Quantity should be more than zero
 - Default value of Price should be 100
 - BType should be Fiction, Classics, Health, Education
2. Insert the details of 5 books in the table.
3. Display the details of the books whose price is in the range 200 and 400
4. Display the names of the books starting with 'T'
5. Display the various types of books without duplicates
6. Display BookId and name of the books whose quantity is less than 5 and price is more than 500
7. Display Book name and Quantity * Price. Give column alias as Value for the product of Quantity and Price
8. Display the records in the following format
BookName is written by Author
9. Display the names of the books which do not have a type.
10. Display the names of the books which have types entered in the table.
11. Display the details of the books in descending order of their price.
12. Display the book names whose type is other than Fiction and Classics
13. Display the highest price, least price, sum of quantity and average price.
14. Display the book name and discount (10% of price) for all the books.
15. Change the quantity as 10 for the book whose Id is B002
16. Delete the books whose price is below 300
17. Add a new column Publisher varchar(40)
18. Modify book name type to varchar(50)
19. Delete the column Publisher.
20. Display the structure of the table
21. Display the list of tables in the database
22. Display the result of the expression $78*5/4$
23. Add a new row with Book name as 'Informatics Practices' and BookId as 'E101'
24. Display current date and time.
25. Display month from the date '12th August 2018'