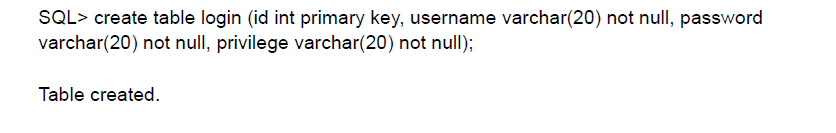
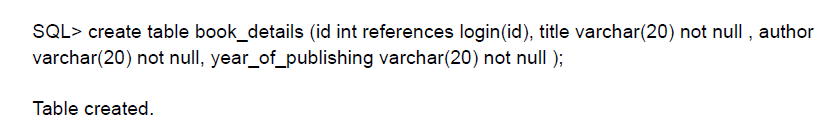
**DBMS Project Questions And Queries**

**DDL with Constraints**

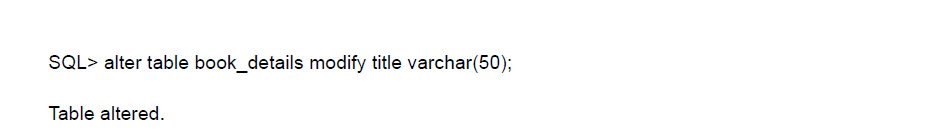
**Q1.Create a table login with columns id as primary key, username as not null , password and privilege.**

****

**Q2.Create a table book\_details with id from login as forein key , author ,title etc as columns.**

****

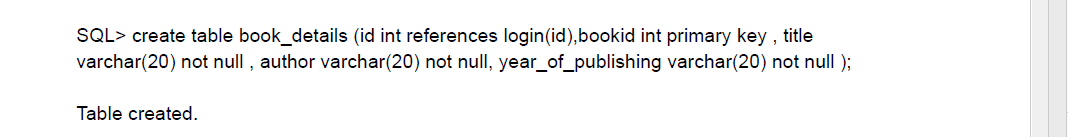
**Q3.Alter table book details and change column title capacity from 20 to 50 .**

****

**Q4.Delete table book\_details .**

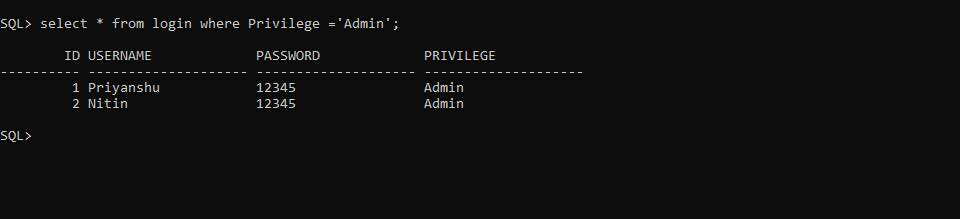
****

**Q5.Again create a table book\_details with id from login as forein key ,bookid as primary key, author ,title etc as columns .**

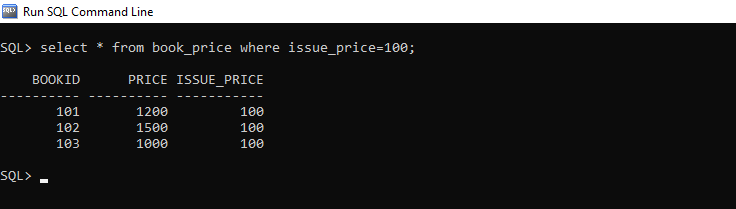
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**DML and Functions**

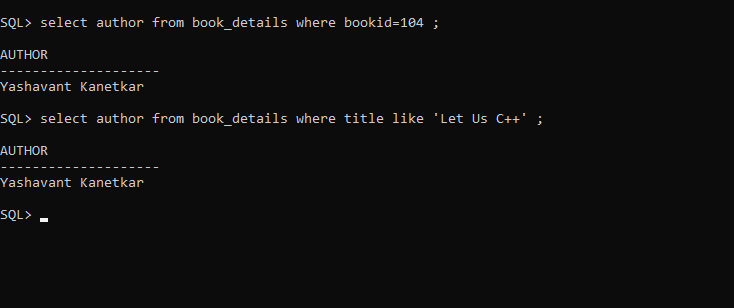
**Q1.Select all the results form table login which have privileges as Admin from table login .**

****

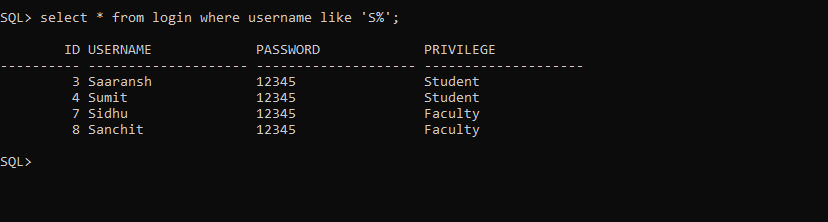
**Q2.Select all the results from table book\_price where issue price is equal to 100 rupees .**

****

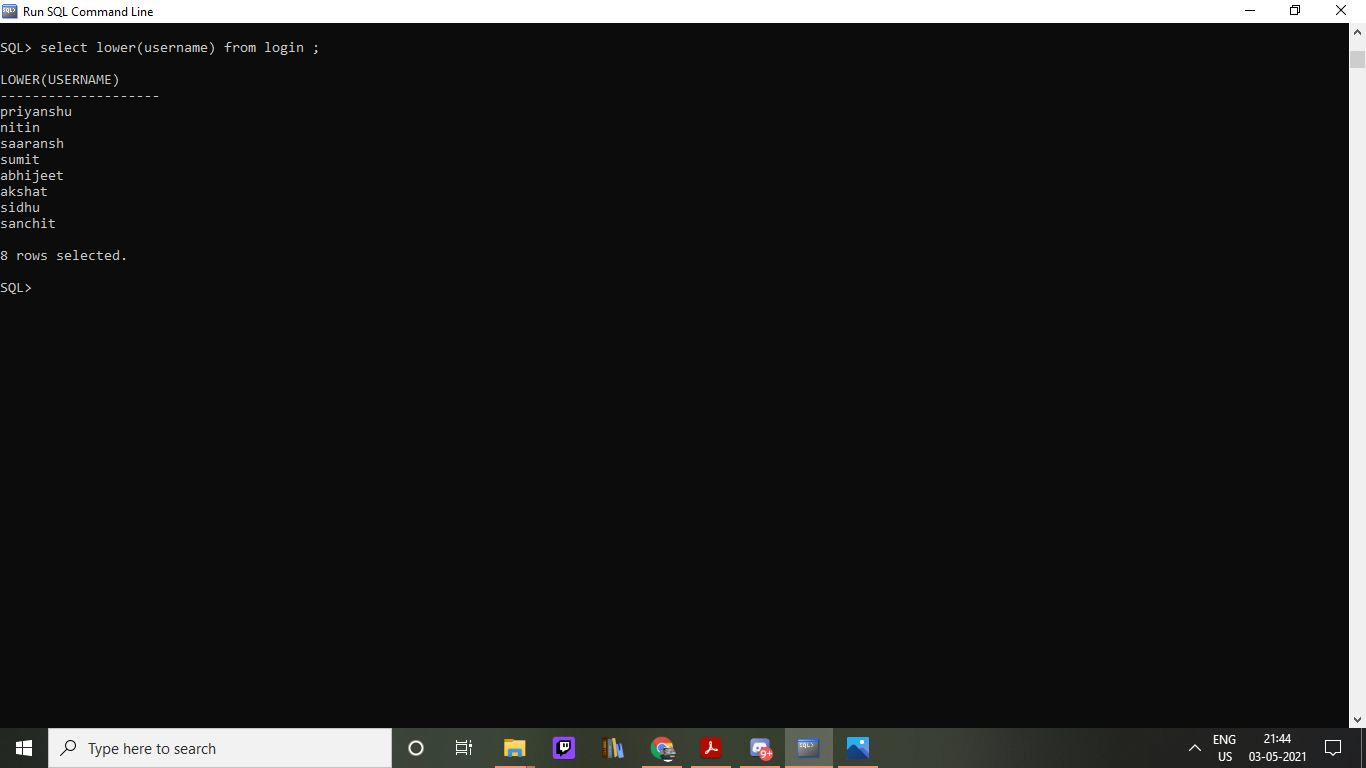
**Q3.Select only Author name from table book details where bookid is 104 and title is Let us C++.**

****

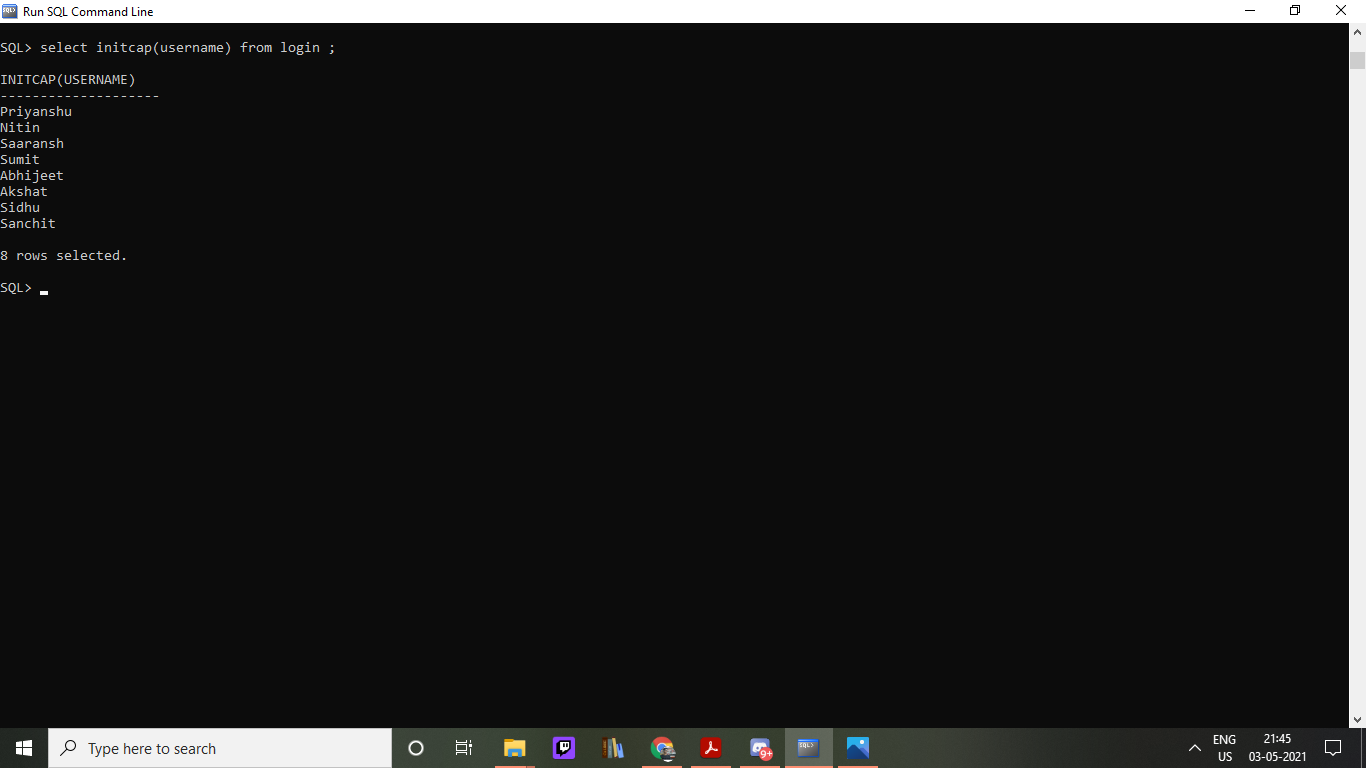
**Q4.Select user names from table login where name starts from letter ‘S’ .**

****

**Q5.Select all usernames in lower case letters from table login.**

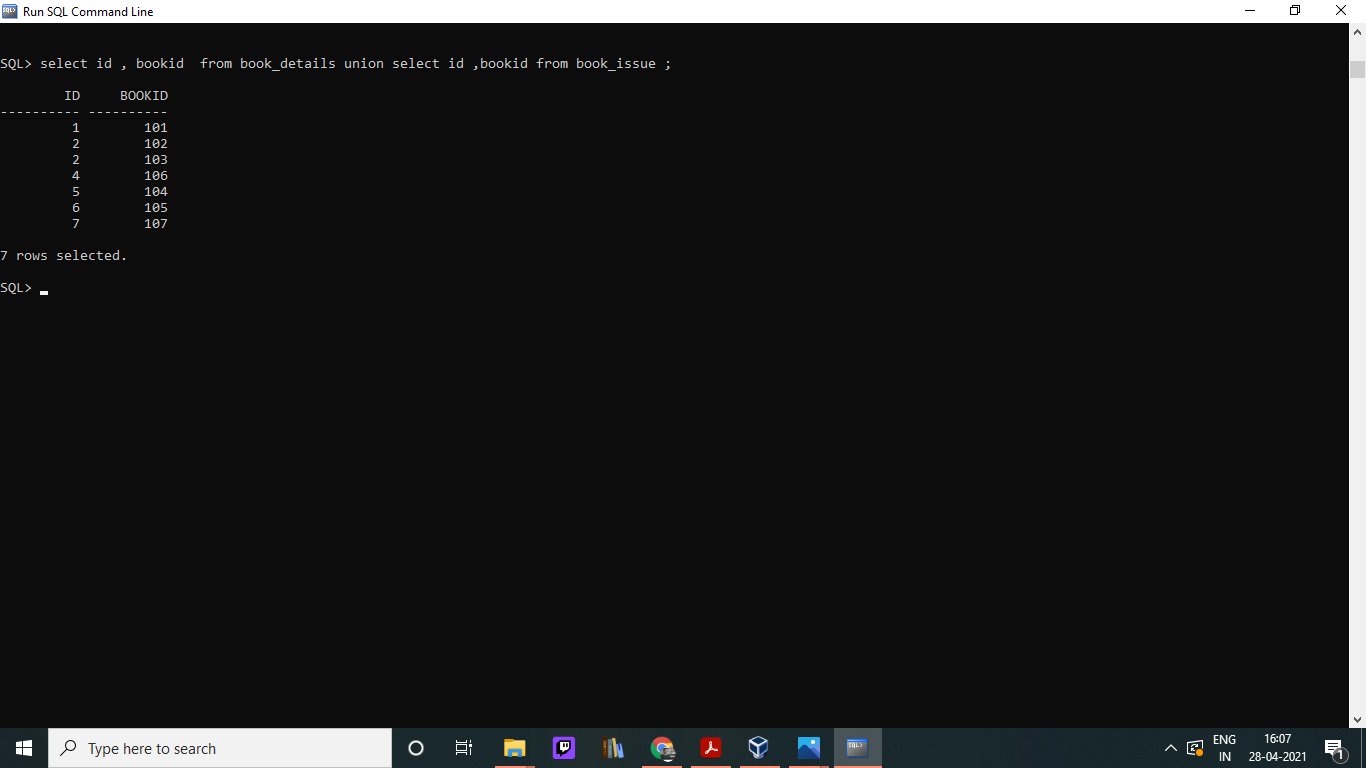
****

**Q6.Select all usernames with first letter capital from table login.**

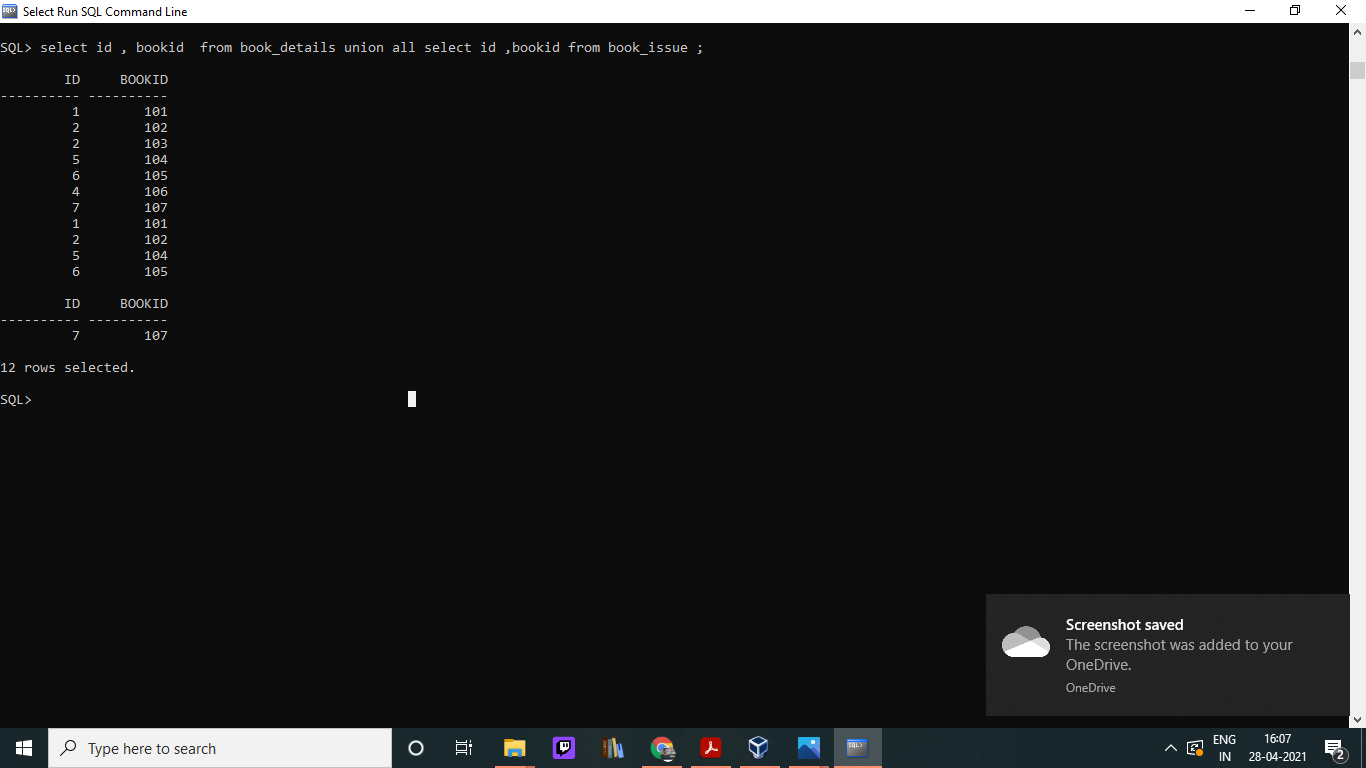
****

**SET Operations**

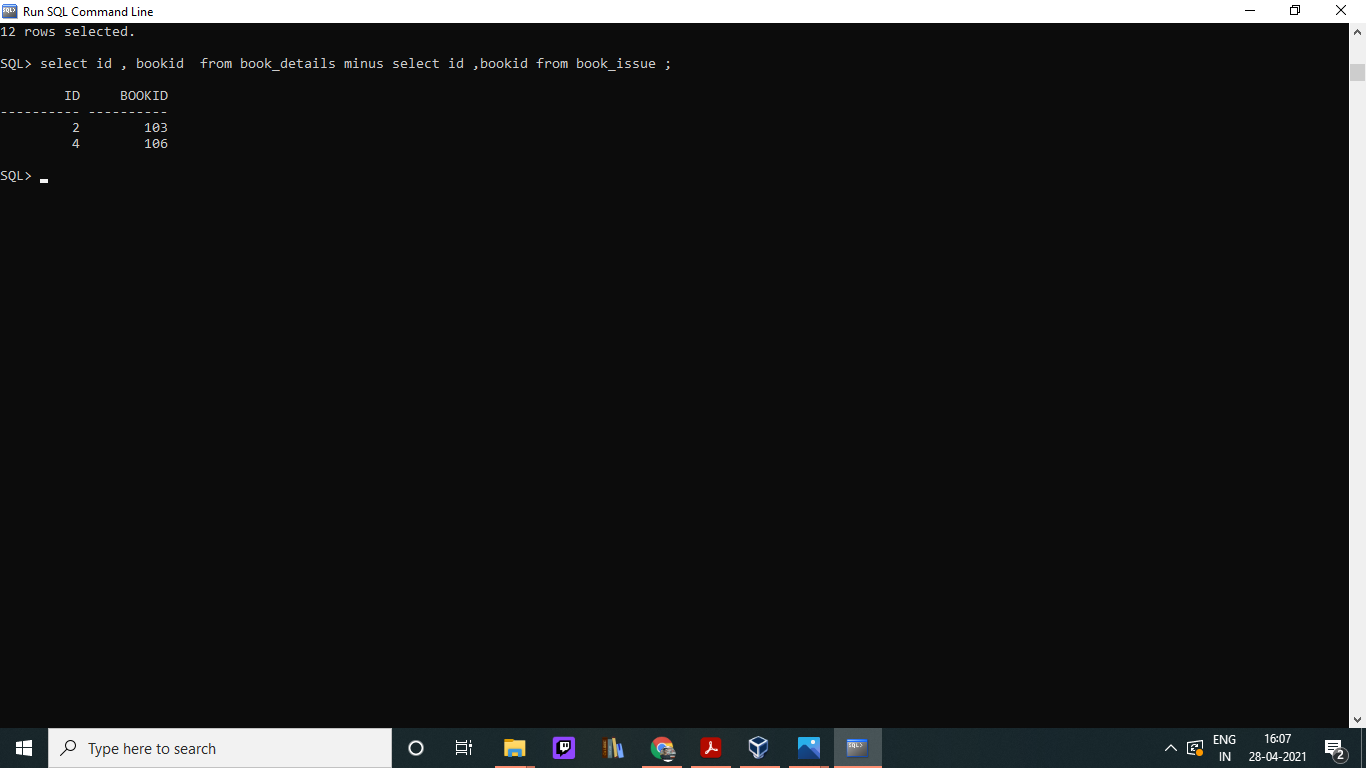
**Q1. Show id and bookid combined for table book\_details and book\_isssue and also delete duplicates.(Union)**

****

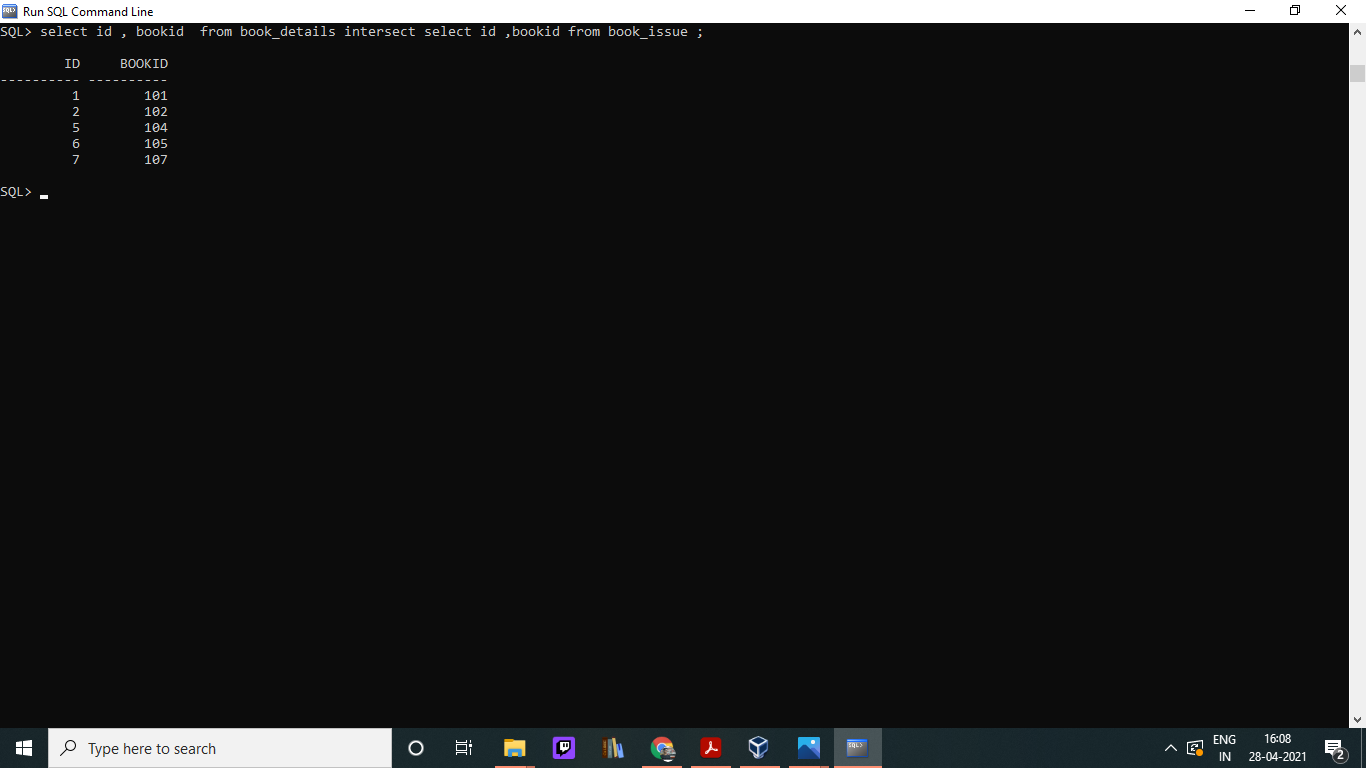
**Q2. Show id and bookid combined for table book\_details and book\_isssue without deleting duplicates.(Union ALL)**

****

**Q3. Show id and bookid for table book\_details minus book\_issue.**

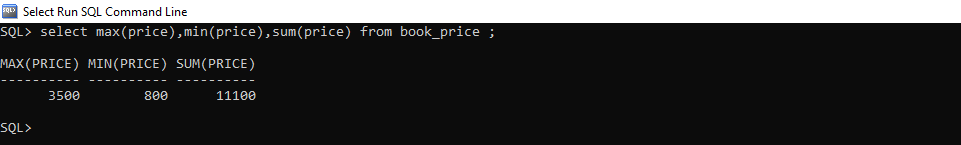
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**Q4. Q1. Show id and bookid intersecting for table book\_details and book\_isssue .**

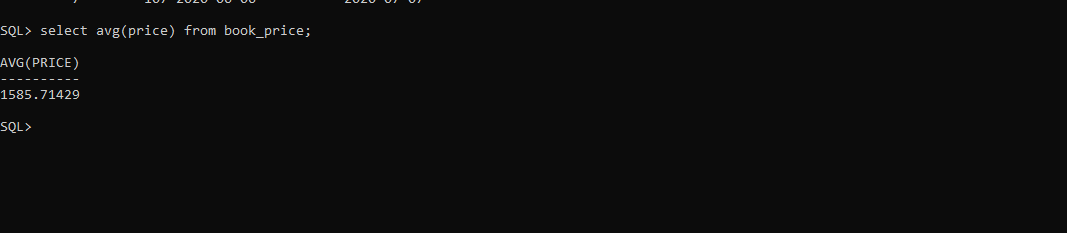
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**Aggregation**

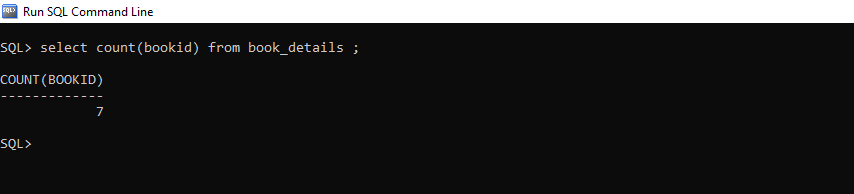
**Q1.Select the most costly and least costly book from table book price and also show the sum of all prices .**

****

**Q2. Select the average price of books from table book price .**

****

**Q3. Count all the books present in the library .**

****

**Q4. Calculate sum off prices of all books in the library.**

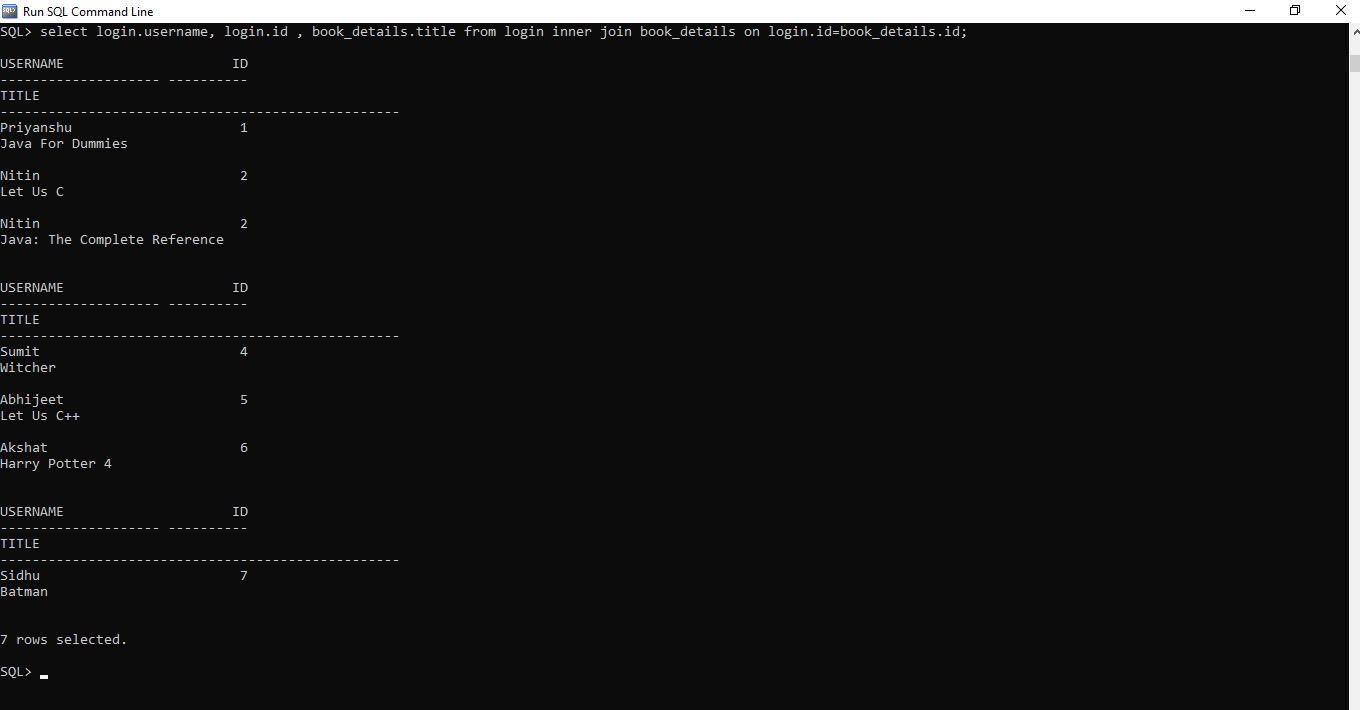
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**Q5. Select minimum issue price for a book.**

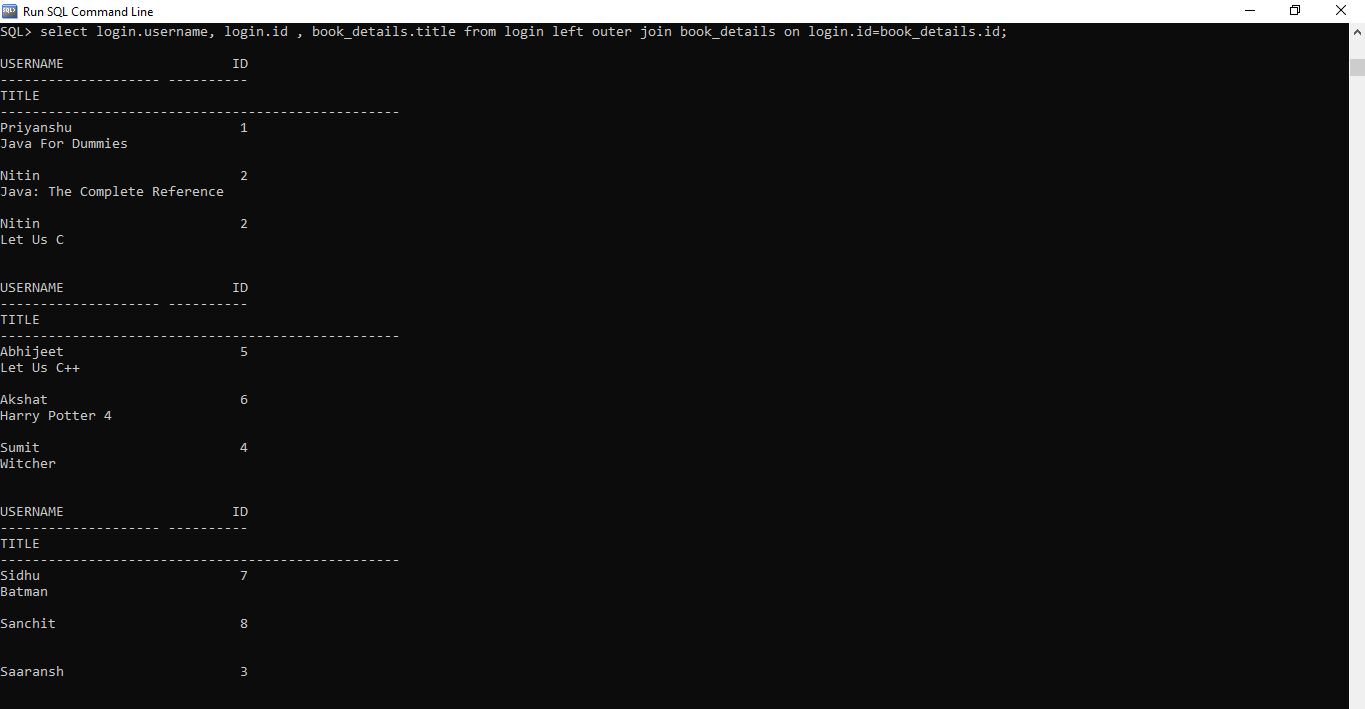
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**Joins**

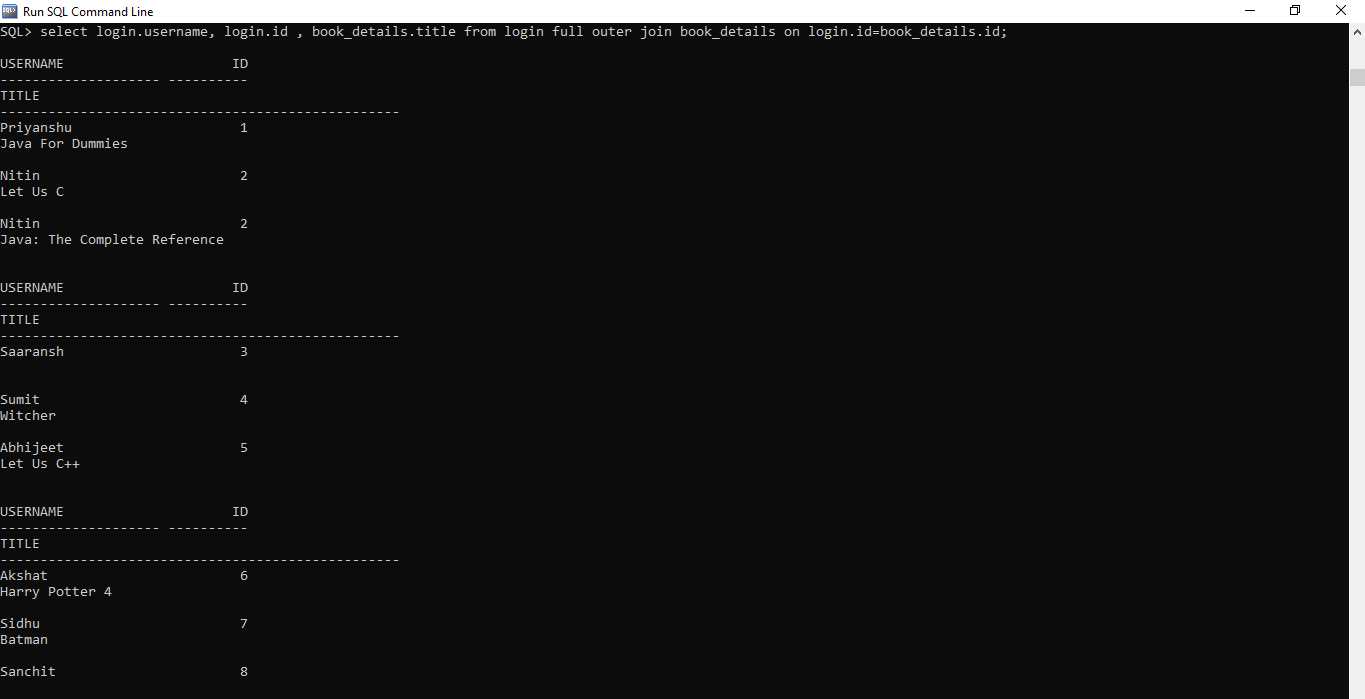
**Q1.Select usernames,id,title from tables login and book details which belong to both tables (Inner Join).**

****

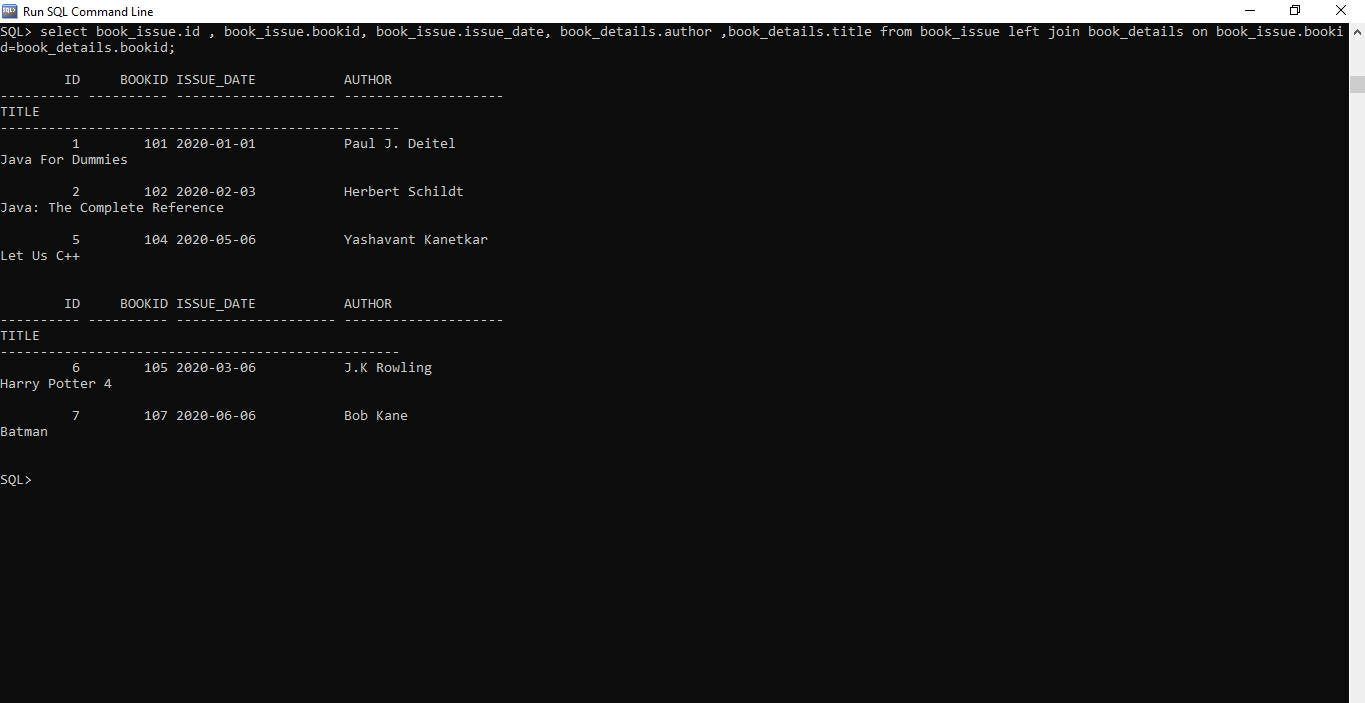
**Q2.Select usernames,id,title from tables login and book details but show only data which is in the login table and is also related to the book details table (Left Join).**

****

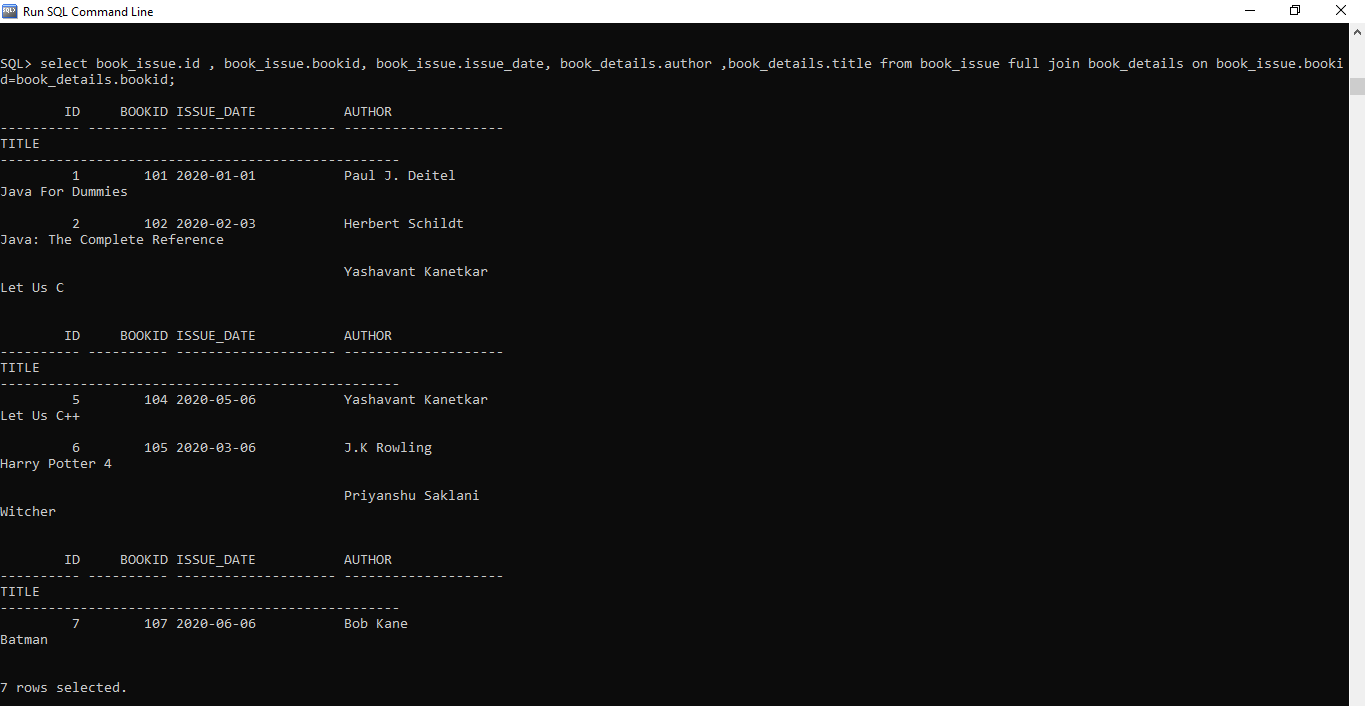
**Q3. Select all data of usernames,id,title from tables login and book details (Full Join).**

****

**Q4.Select id,bookid,issue date, author and title data from tables book\_issue and book\_details in which above mentioned data belongs to issue table and is also related to other table (Left Join)**

****

**Q5.Select all data of id,bookid,issue date, author and title data from tables book\_issue and book\_details (Full Join)**

****

**Sub Queries**