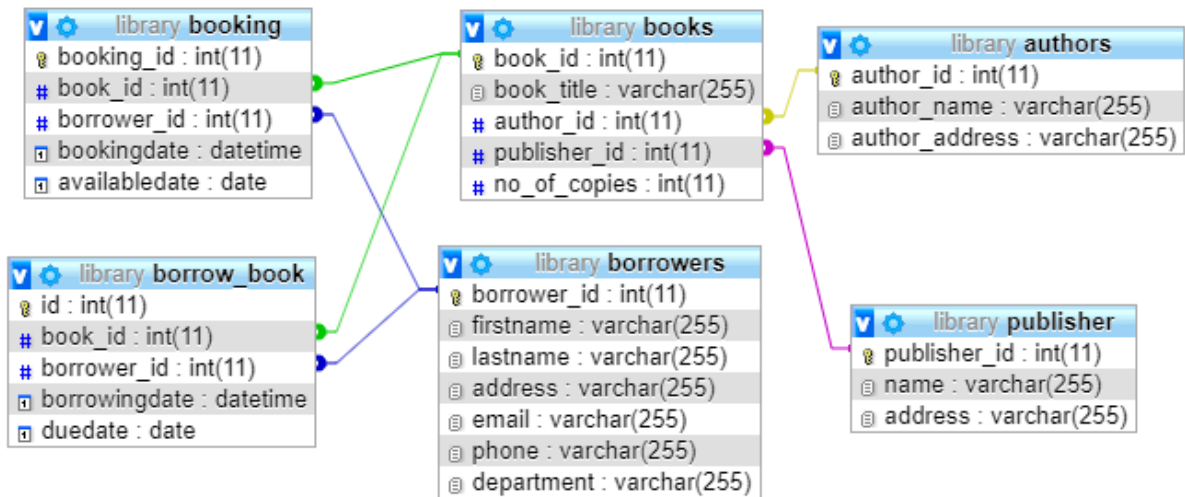# Sample SQL question

Consider the following Schema Diagram for understanding the structure and relationship among entities of a library management system database and based on this diagram a database is created that will be shared with you. Now import the database and answer the following Queries.

	[*Instruction*: Create a database named *lirbabry* on MySql Database and execute the following query.]
1.	Write a query to find the title, author name, publisher name of all the books available in the library.
A:	
2.	SQL query to list the details of borrowers who do not borrow any books yet.
A:	SELECT * FROM borrowers WHERE borrower_id NOT IN (SELECT borrower_id FROM borrow_book); --Answer 1: SELECT b.book_title, a.author_name, p.publisher_name FROM books b JOIN authors a on b.author_id = a.author_id JOIN publisher p on b.publisher_id = p.publisher_id;
3.	Write a query to display the name of an author who have written a book having 'e ' as the second character.
A:	
4.	SQL query to list the details of borrowers who have borrowed more than five books.
A:	
5.	Show the details of the book which have been borrowed most.
A:	
6.	Write a query to show the title and author of each book.
A:	
7.	Create a view for the following problem: Show the list of those borrower who have crossed the due date.
A:	
8.	Write a query to get the borrower name (firstanme and lastname), book name and borrowing month.

A:	
9.	First execute the following command: ``` CREATE TABLE writters(writer_id INT NOT NULL AUTO_INCREMENT, writer_name varchar(40), writer_address varchar(40), PRIMARY KEY(writer_id)); ``` Now, Write a SQL statement insert rows to writters table from authors table.
A:	
10.	Write a query to update the portion of the phone in the borrowers table, within the phone number the substring '337' will be replaced by '999'.
A:	

Good Luck!!!