

### SCREENSHOTS OF SQL TABLES :

Result Grid



Filter Rows:

Export:

Wrap Cell Content:

	Borrow_ID	Book_Title	Member_Name	Issue_Date	Due_Date	Return_Date	Fine
▶	1	The Time Machine	Rohan Mehta	2024-10-01	2024-10-15	2024-10-12	0.00
	2	Atomic Habits	Sneha Patil	2024-10-10	2024-10-25	NULL	0.00
	3	Python Programming	Ananya Joshi	2024-09-15	2024-09-30	2024-10-02	50.00

Result Grid

Filter Rows:

	Borrow_ID	Member_ID	Fine_Calculated
▶	1	1	0.00
	2	2	0.00
	3	3	20.00

### EXPLANATION :

The **Stored Procedures and Functions** task focuses on automating SQL operations in the Library Management System.

Stored procedures like *GetBorrowedBooks()* and *AddMember()* reduce repetitive tasks by encapsulating logic into reusable code.

The *CalculateFine()* function automates fine calculation for delayed book returns, and *UpdateFines()* updates the entire table efficiently.

This task improves the database's maintainability, efficiency, and scalability by implementing reusable SQL components.