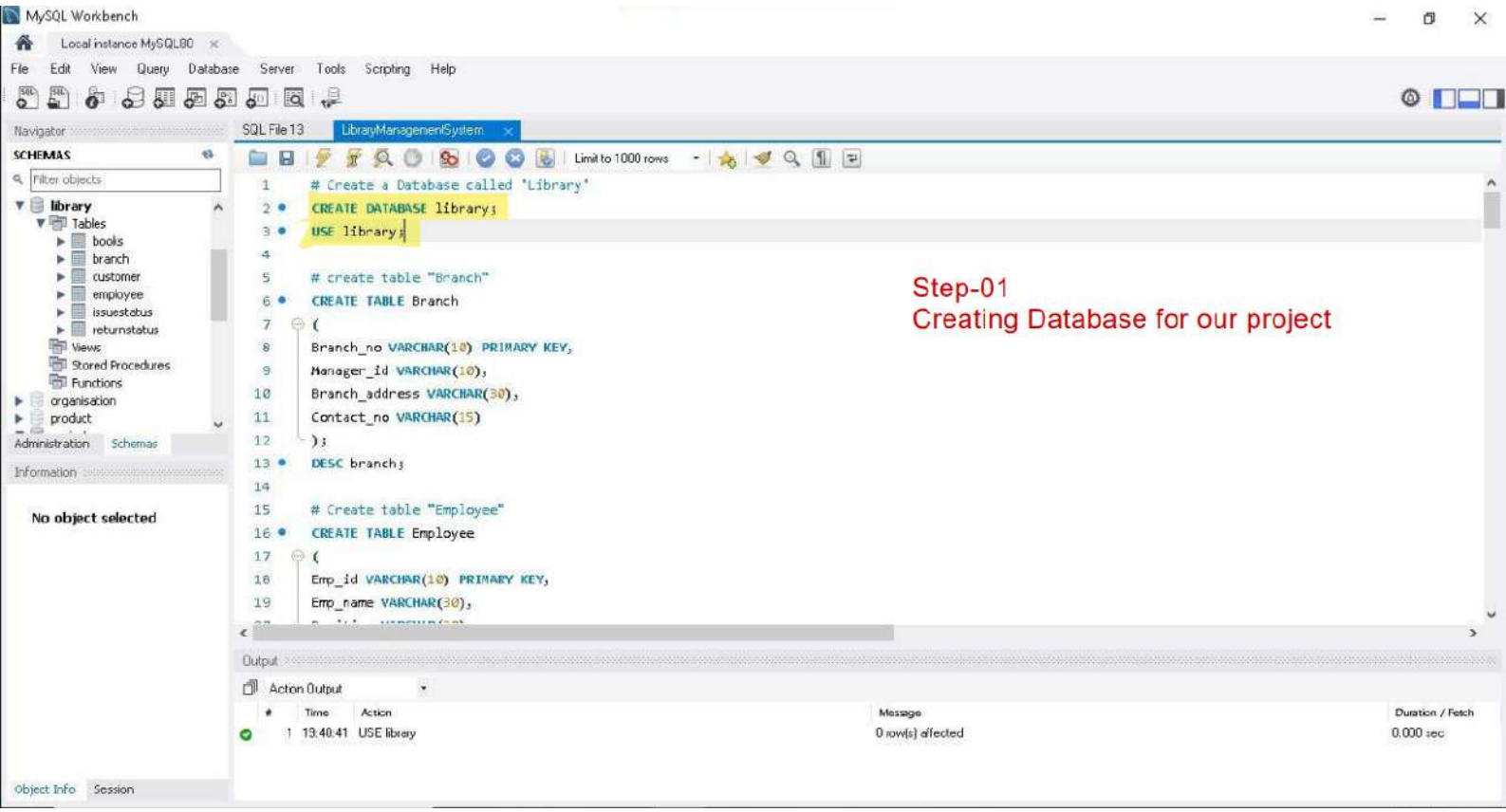
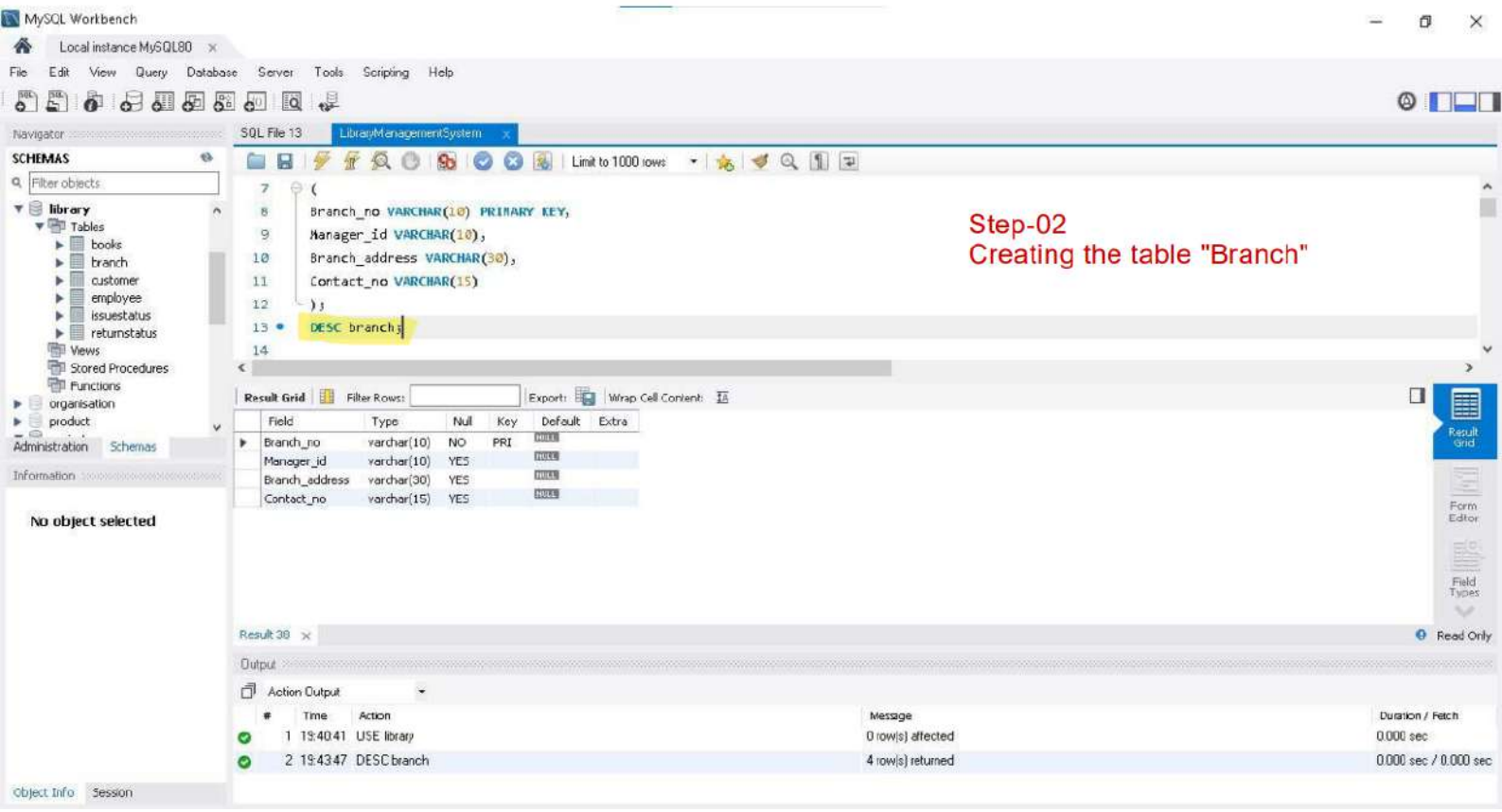
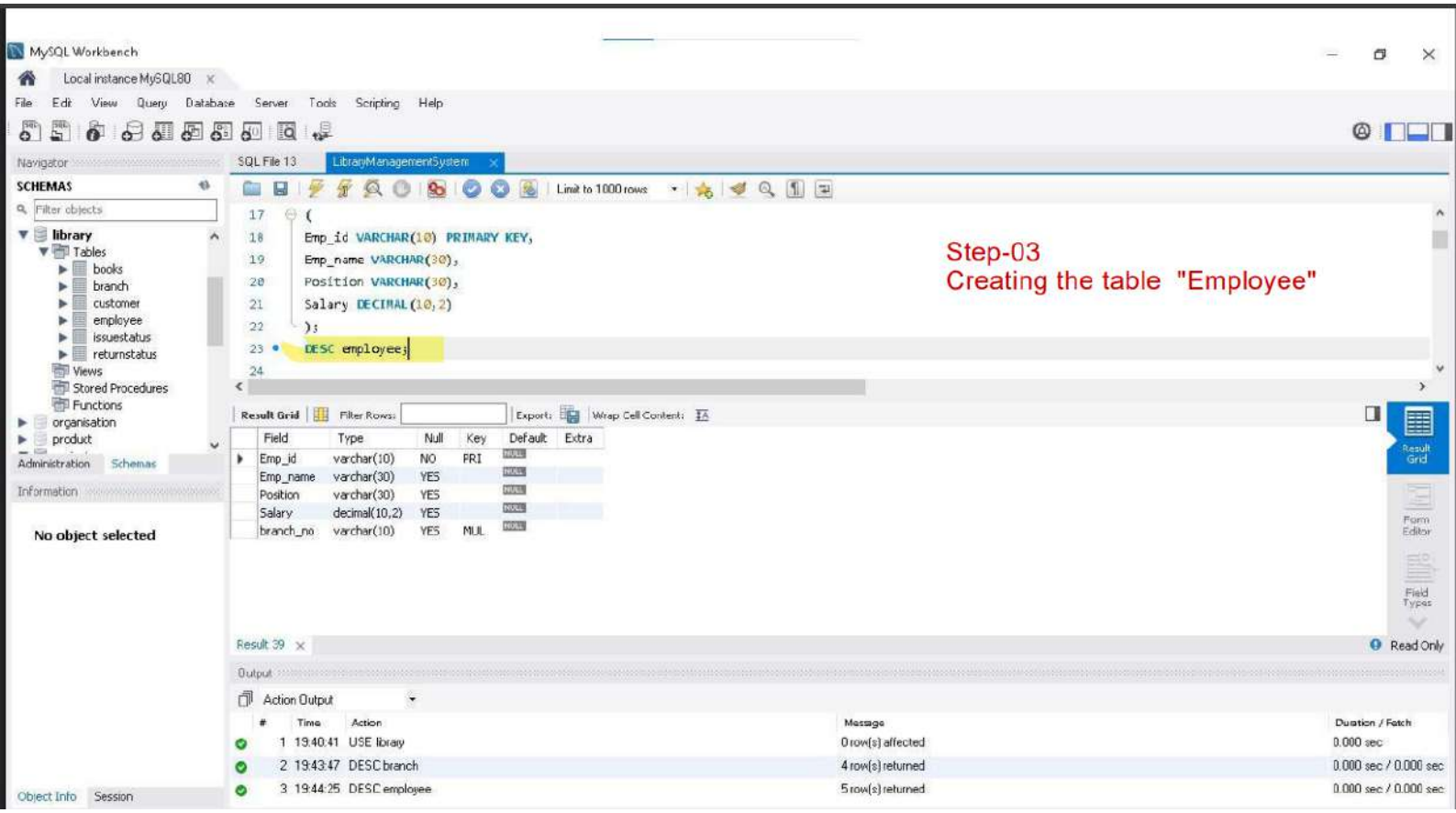

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
library
Tables
books
branch
customer
employee
issuestatus
returnstatus
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
1 # Create a Database called 'Library'
2 CREATE DATABASE library;
3 USE library;
4
5 # create table "Branch"
6 CREATE TABLE Branch
7 (
8 Branch_no VARCHAR(10) PRIMARY KEY,
9 Manager_id VARCHAR(10),
10 Branch_address VARCHAR(30),
11 Contact_no VARCHAR(15)
12);
13 DESC branch;
14
15 # Create table "Employee"
16 CREATE TABLE Employee
17 (
18 Emp_id VARCHAR(10) PRIMARY KEY,
19 Emp_name VARCHAR(30),
Step-01
Creating Database for our project
Output
Action Output
Time Action Message Duration / Fetch
1 19:40:41 USE library 0 row(s) affected 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
library
Tables
books
branch
customer
employee
issuestatus
returnstatus
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
7 (
8 Branch_no VARCHAR(10) PRIMARY KEY,
9 Manager_id VARCHAR(10),
10 Branch_address VARCHAR(30),
11 Contact_no VARCHAR(15)
12);
13 DESC branch;
14
Step-02
Creating the table "Branch"
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Field Type Null Key Default Extra
Branch_no varchar(10) NO PRI NULL
Manager_id varchar(10) YES NULL
Branch_address varchar(30) YES NULL
Contact_no varchar(15) YES NULL
Result 30
Read Only
Output
Action Output
Time Action Message Duration / Fetch
1 19:40:41 USE library 0 row(s) affected 0.000 sec
2 19:43:47 DESC branch 4 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
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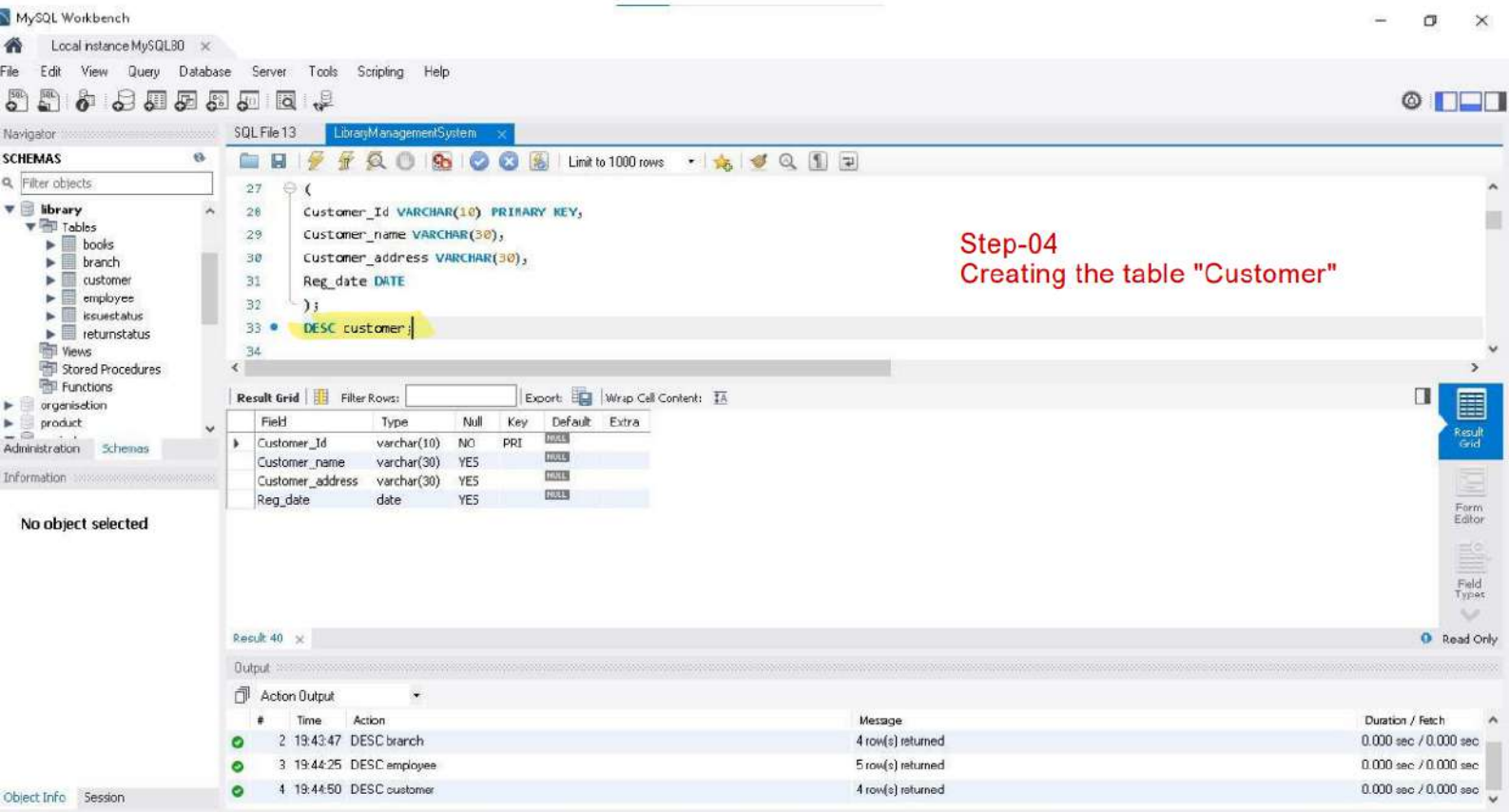
customer
employee
issuestatus
returnstatus
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
17 (
18 Emp_id VARCHAR(10) PRIMARY KEY,
19 Emp_name VARCHAR(30),
20 Position VARCHAR(30),
21 Salary DECIMAL(10,2)
22);
23 DESC employee;
24
Step-03
Creating the table "Employee"
Result Grid Filter Rows: Export: Wrap Cell Content:
Field Type Null Key Default Extra
Emp_id varchar(10) NO PRI NULL
Emp_name varchar(30) YES NULL
Position varchar(30) YES NULL
Salary decimal(10,2) YES NULL
branch_no varchar(10) YES MUL NULL
Result Grid
Form Editor
Field Types
Result 39
Read Only
Output
Action Output
Time Action Message Duration / Fetch
1 19:40:41 USE library 0 row(s) affected 0.000 sec
2 19:43:47 DESC branch 4 row(s) returned 0.000 sec / 0.000 sec
3 19:44:25 DESC employee 5 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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SCHEMAS
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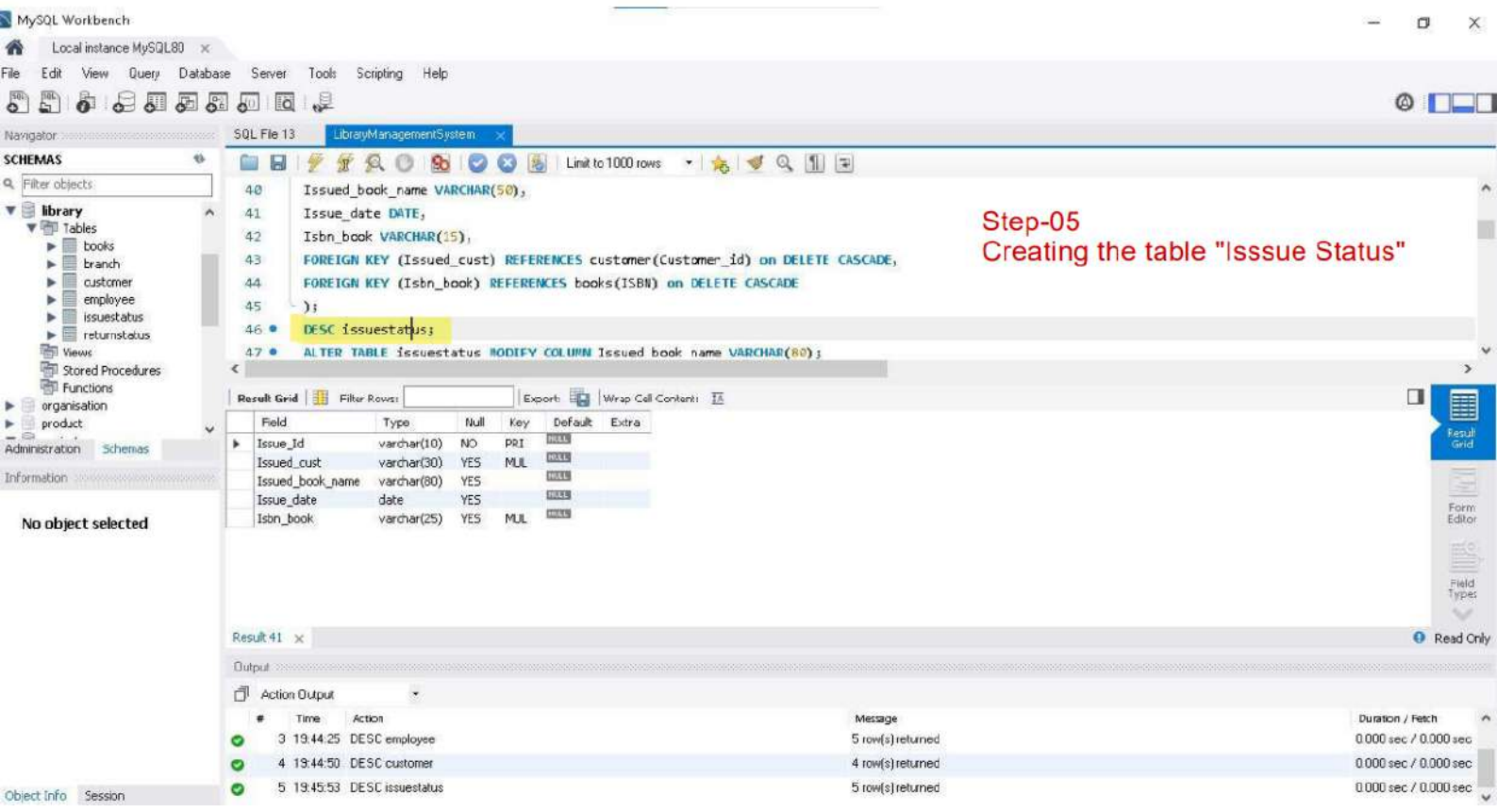
employee
issuestatus
returnstatus
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
27 (
28 Customer_Id VARCHAR(10) PRIMARY KEY,
29 Customer_name VARCHAR(30),
30 Customer_address VARCHAR(30),
31 Reg_date DATE
32);
33 DESC customer;
34
Step-04
Creating the table "Customer"
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Field Type Null Key Default Extra
Customer_Id varchar(10) NO PRI NULL
Customer_name varchar(30) YES NULL
Customer_address varchar(30) YES NULL
Reg_date date YES NULL
Result Grid
Form Editor
Field Types
Result 40
Read Only
Output
Action Output
Time Action Message Duration / Fetch
2 19:43:47 DESC branch 4 row(s) returned 0.000 sec / 0.000 sec
3 19:44:25 DESC employee 5 row(s) returned 0.000 sec / 0.000 sec
4 19:44:50 DESC customer 4 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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customer
employee
issuestatus
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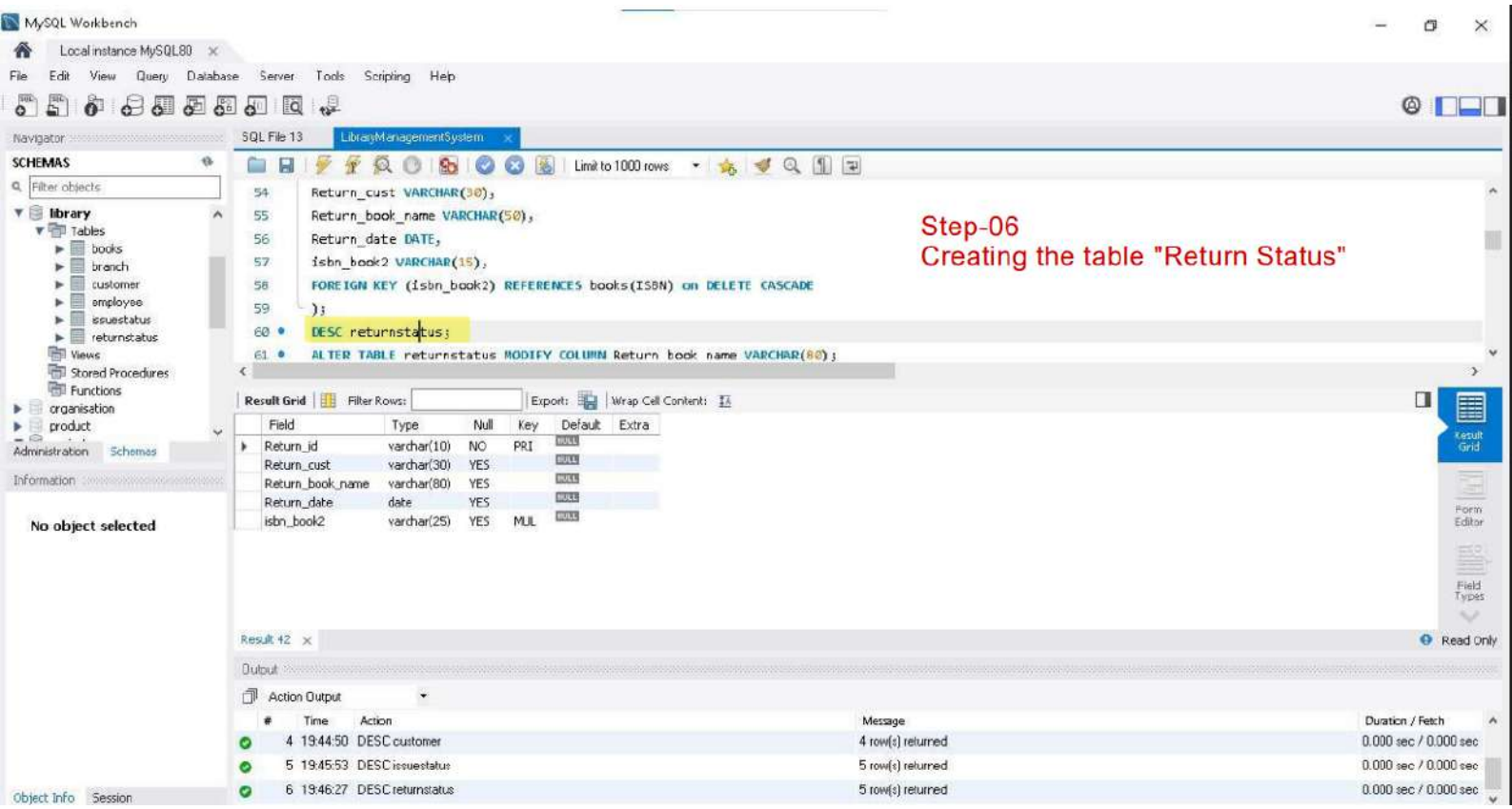
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibrayManagementSystem
Limit to 1000 rows
40 Issued_book_name VARCHAR(50),
41 Issue_date DATE,
42 Isbn_book VARCHAR(15),
43 FOREIGN KEY (Issued_cust) REFERENCES customer(Customer_id) on DELETE CASCADE,
44 FOREIGN KEY (Isbn_book) REFERENCES books(ISBN) on DELETE CASCADE
45);
46 DESC issuestatus;
47 ALTER TABLE issuestatus MODIFY COLUMN Issued_book_name VARCHAR(80);
Step-05
Creating the table "Isssue Status"
Result Grid Filter Rows: Export: Wrap Cell Content:
Field Type Null Key Default Extra
Issue_Id varchar(10) NO PRI NULL
Issued_cust varchar(30) YES MUL NULL
Issued_book_name varchar(80) YES NULL
Issue_date date YES NULL
Isbn_book varchar(25) YES MUL NULL
Result Grid
Form Editor
Field Types
Result 41
Read Only
Output
Action Output
Time Action Message Duration / Fetch
3 19:44:25 DESC employee 5 row(s) returned 0.000 sec / 0.000 sec
4 19:44:50 DESC customer 4 row(s) returned 0.000 sec / 0.000 sec
5 19:45:53 DESC issuestatus 5 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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SCHEMAS
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employee
issuestatus
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Stored Procedures
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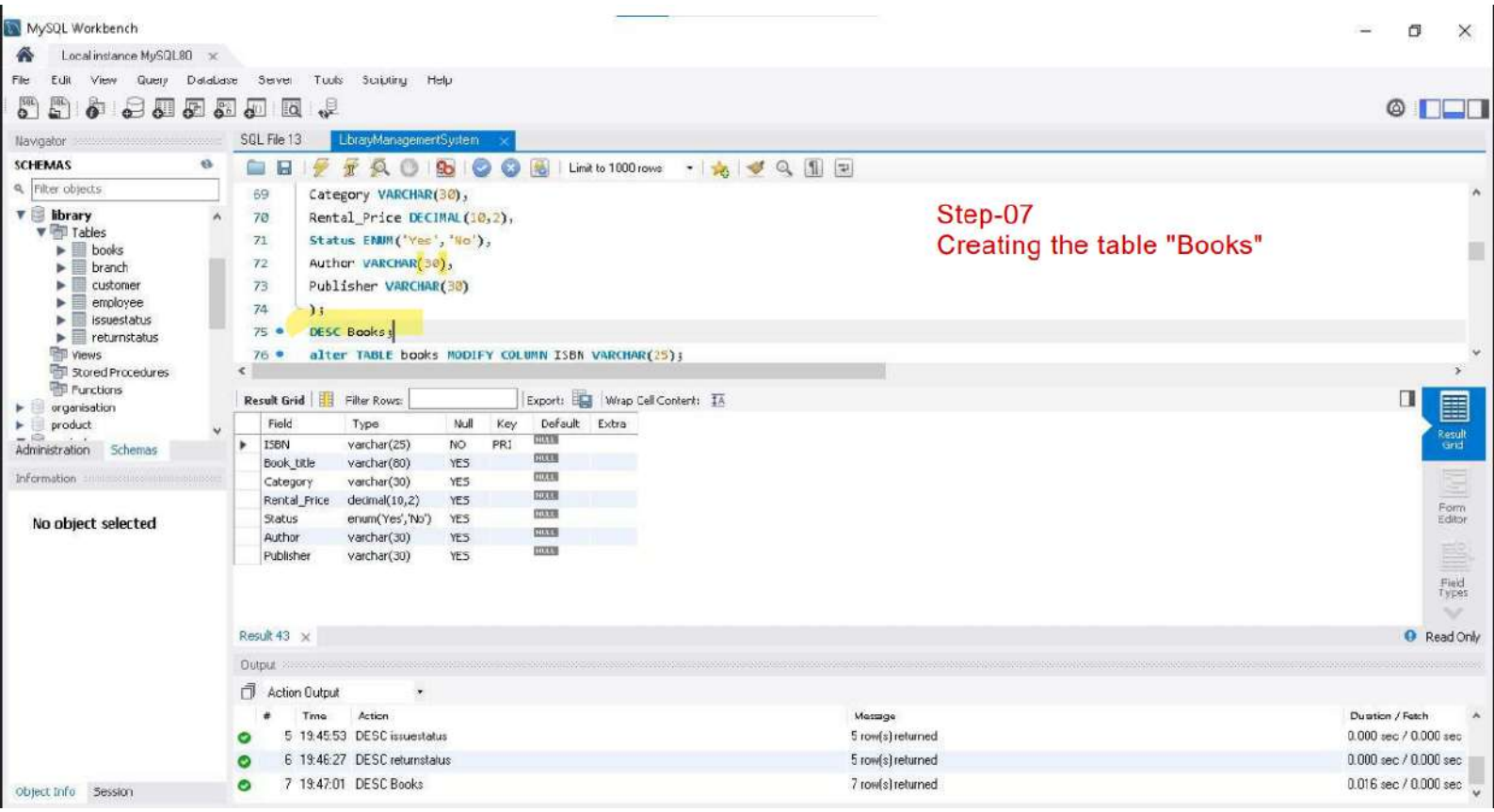
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
54 Return_cust VARCHAR(30),
55 Return_book_name VARCHAR(50),
56 Return_date DATE,
57 isbn_book2 VARCHAR(15),
58 FOREIGN KEY (isbn_book2) REFERENCES books(ISBN) on DELETE CASCADE
59);
60 DESC returnstatus;
61 ALTER TABLE returnstatus MODIFY COLUMN Return_book_name VARCHAR(80);
Step-06
Creating the table "Return Status"
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Field Type Null Key Default Extra
Return_id varchar(10) NO PRI NULL
Return_cust varchar(30) YES NULL
Return_book_name varchar(80) YES NULL
Return_date date YES NULL
isbn_book2 varchar(25) YES MUL NULL
Result Grid
Form Editor
Field Types
Result 42
Read Only
Output
Action Output
Time Action Message Duration / Fetch
4 19:44:50 DESC customer 4 row(s) returned 0.000 sec / 0.000 sec
5 19:45:53 DESC issuestatus 5 row(s) returned 0.000 sec / 0.000 sec
6 19:46:27 DESC returnstatus 5 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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employee
issuestatus
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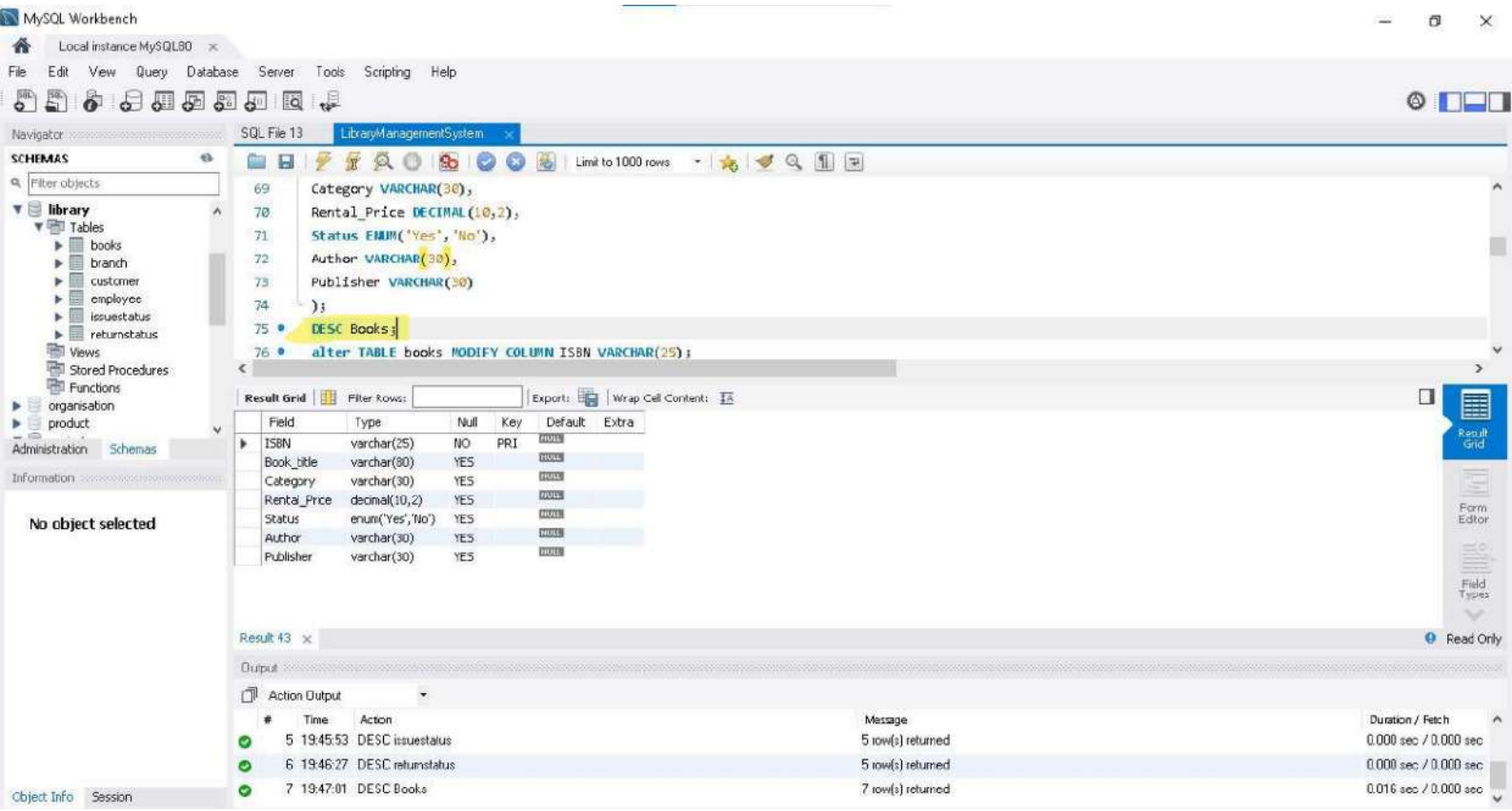
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
69 Category VARCHAR(30),
70 Rental_Price DECIMAL(10,2),
71 Status ENUM('Yes', 'No'),
72 Author VARCHAR(30),
73 Publisher VARCHAR(30)
74);
75 DESC Books;
76 alter TABLE books MODIFY COLUMN ISBN VARCHAR(25);
Step-07
Creating the table "Books"
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Field Type Null Key Default Extra
ISBN varchar(25) NO PRI NULL
Book_title varchar(80) YES NULL
Category varchar(30) YES NULL
Rental_Price decimal(10,2) YES NULL
Status enum('Yes','No') YES NULL
Author varchar(30) YES NULL
Publisher varchar(30) YES NULL
Result 43
Read Only
Output
Action Output
Time Action Message Duration / Fetch
5 19:45:53 DESC issuestatus 5 row(s) returned 0.000 sec / 0.000 sec
6 19:46:27 DESC returnstatus 5 row(s) returned 0.000 sec / 0.000 sec
7 19:47:01 DESC Books 7 row(s) returned 0.016 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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issuestatus
returnstatus
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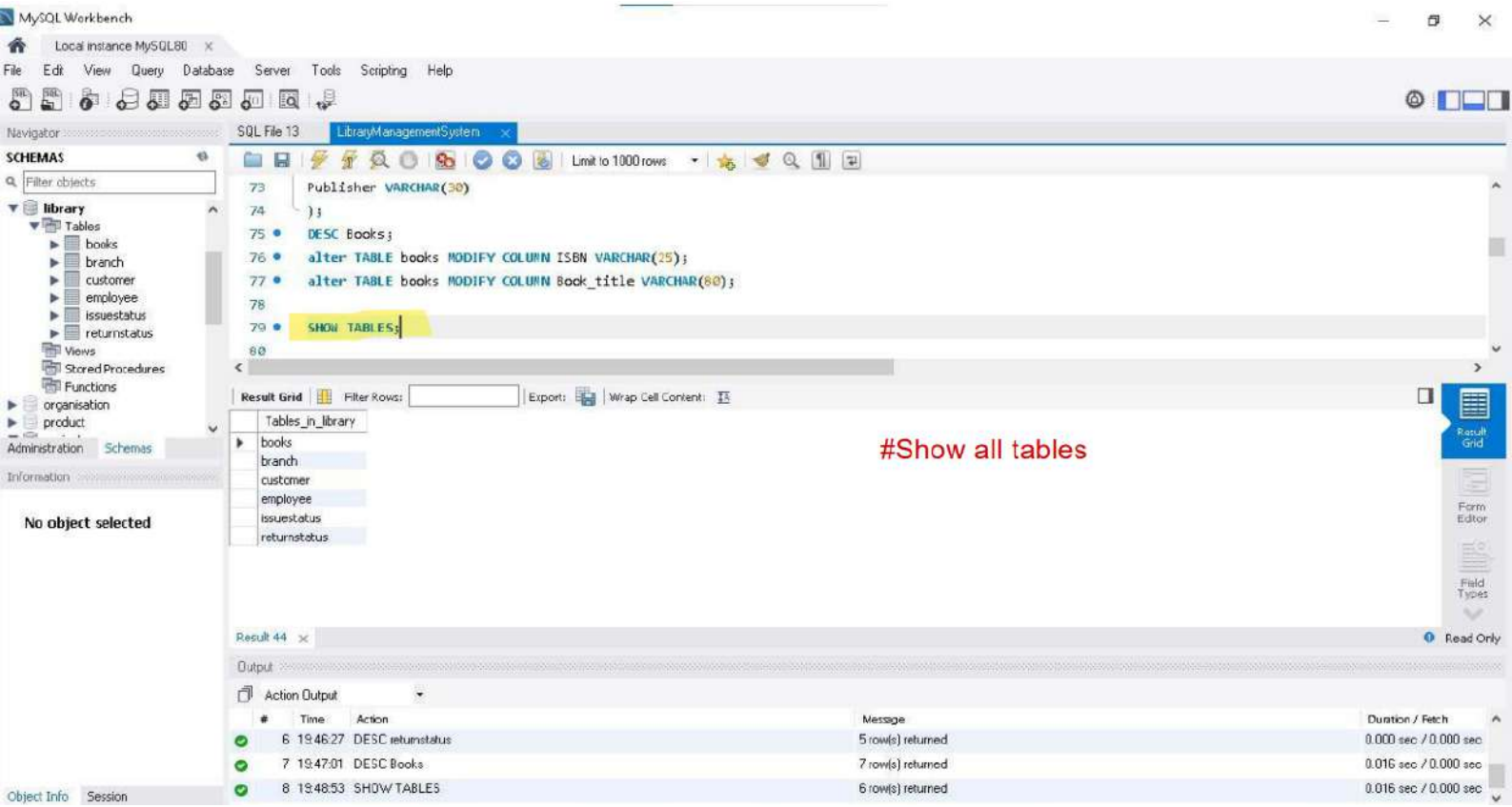
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
69 Category VARCHAR(30),
70 Rental_Price DECIMAL(10,2),
71 Status ENUM('Yes','No'),
72 Author VARCHAR(30),
73 Publisher VARCHAR(30)
74);
75 DESC Books;
76 alter TABLE books MODIFY COLUMN ISBN VARCHAR(25);
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Field Type Null Key Default Extra
ISBN varchar(25) NO PRI NULL
Book_title varchar(80) YES NULL
Category varchar(30) YES NULL
Rental_Price decimal(10,2) YES NULL
Status enum('Yes','No') YES NULL
Author varchar(30) YES NULL
Publisher varchar(30) YES NULL
Result Grid
Form Editor
Field Types
Result 43
Read Only
Output
Action Output
Time Action Message Duration / Fetch
5 19:45:53 DESC issuestatus 5 row(s) returned 0.000 sec / 0.000 sec
6 19:46:27 DESC returnstatus 5 row(s) returned 0.000 sec / 0.000 sec
7 19:47:01 DESC Books 7 row(s) returned 0.016 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
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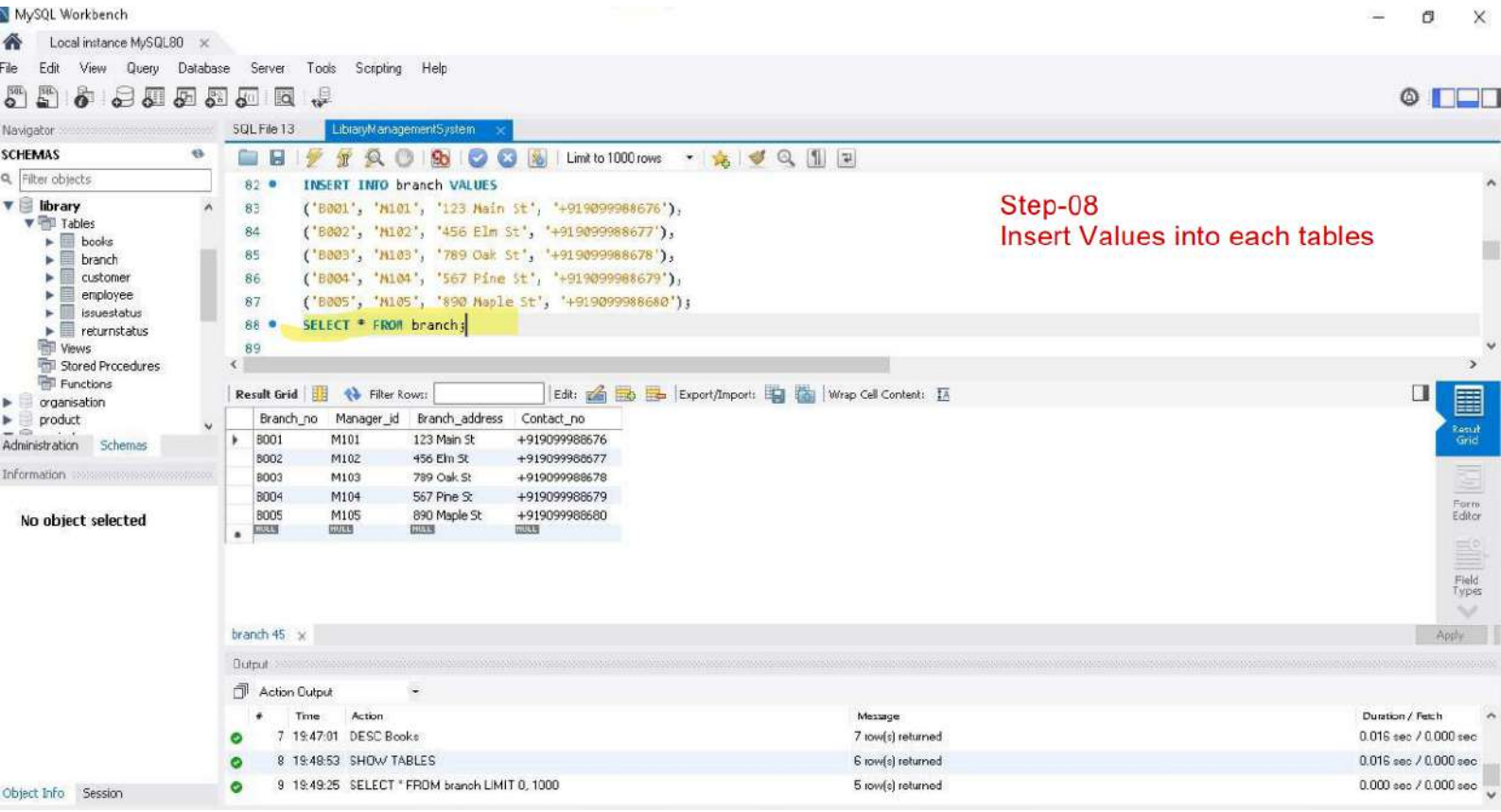
Tables
books
branch
customer
employee
issuestatus
returnstatus
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
Publisher VARCHAR(30)
);
DESC Books;
alter TABLE books MODIFY COLUMN ISBN VARCHAR(25);
alter TABLE books MODIFY COLUMN Book_title VARCHAR(80);
SHOW TABLES;
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Tables_in_library
books
branch
customer
employee
issuestatus
returnstatus
#Show all tables
Result Grid
Form Editor
Field Types
Read Only
Result 44
Output
Action Output
Time Action Message Duration / Fetch
6 19:46:27 DESC returnstatus 5 row(s) returned 0.000 sec / 0.000 sec
7 19:47:01 DESC Books 7 row(s) returned 0.016 sec / 0.000 sec
8 19:48:53 SHOW TABLES 6 row(s) returned 0.016 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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employee
issuestatus
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Views
Stored Procedures
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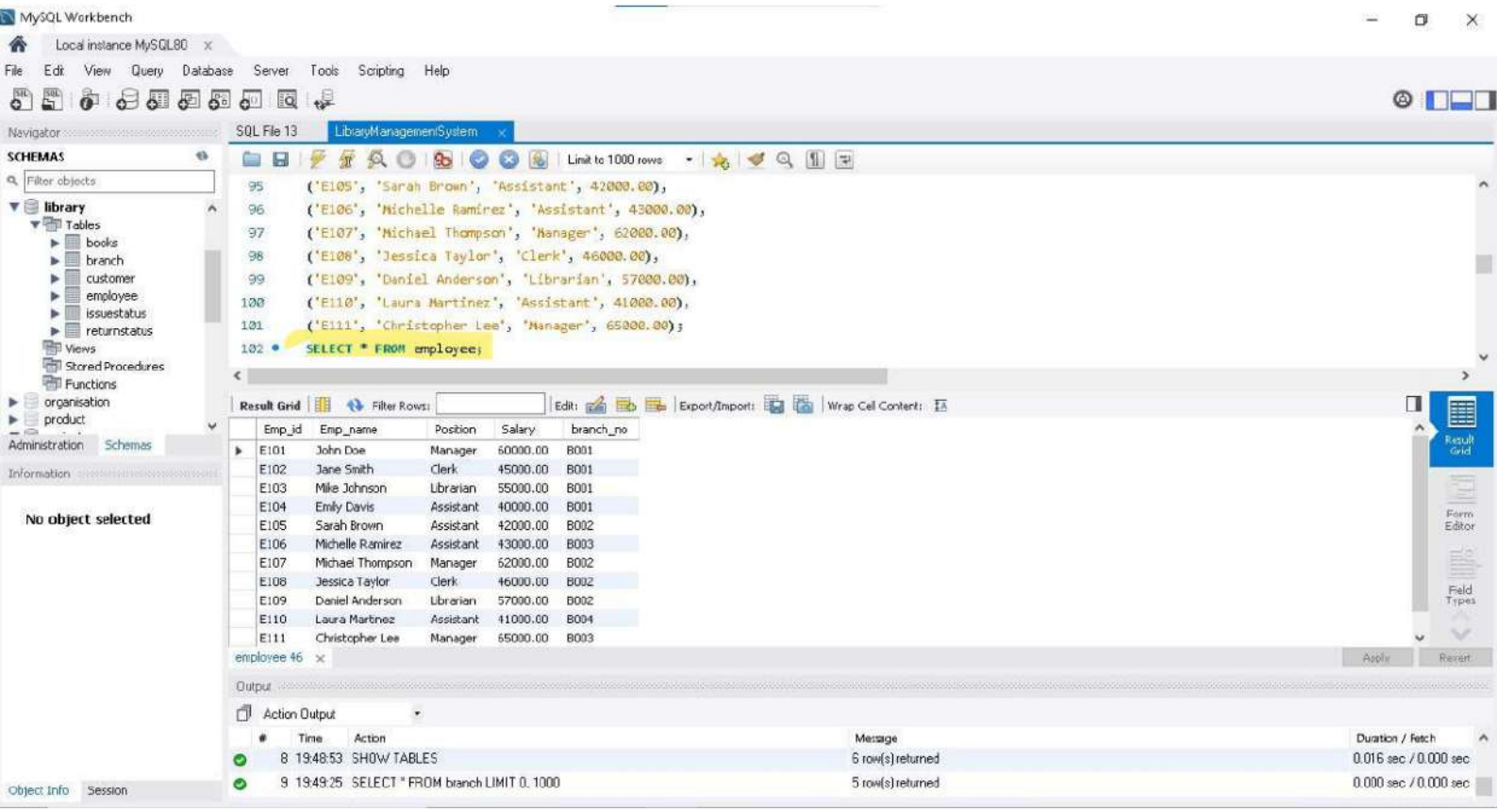
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
82 INSERT INTO branch VALUES
83 ('B001', 'M101', '123 Main St', '+919099988676'),
84 ('B002', 'M102', '456 Elm St', '+919099988677'),
85 ('B003', 'M103', '789 Oak St', '+919099988678'),
86 ('B004', 'M104', '567 Pine St', '+919099988679'),
87 ('B005', 'M105', '890 Maple St', '+919099988680');
88 SELECT * FROM branch;
89
Step-08
Insert Values into each tables
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
Branch_no Manager_id Branch_address Contact_no
B001 M101 123 Main St +919099988676
B002 M102 456 Elm St +919099988677
B003 M103 789 Oak St +919099988678
B004 M104 567 Pine St +919099988679
B005 M105 890 Maple St +919099988680
Result Grid
Form Editor
Field Types
branch 45
Apply
Output
Action Output
Time Action Message Duration / Fetch
7 19:47:01 DESC Books 7 row(s) returned 0.016 sec / 0.000 sec
8 19:48:53 SHOW TABLES 6 row(s) returned 0.016 sec / 0.000 sec
9 19:49:25 SELECT * FROM branch LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
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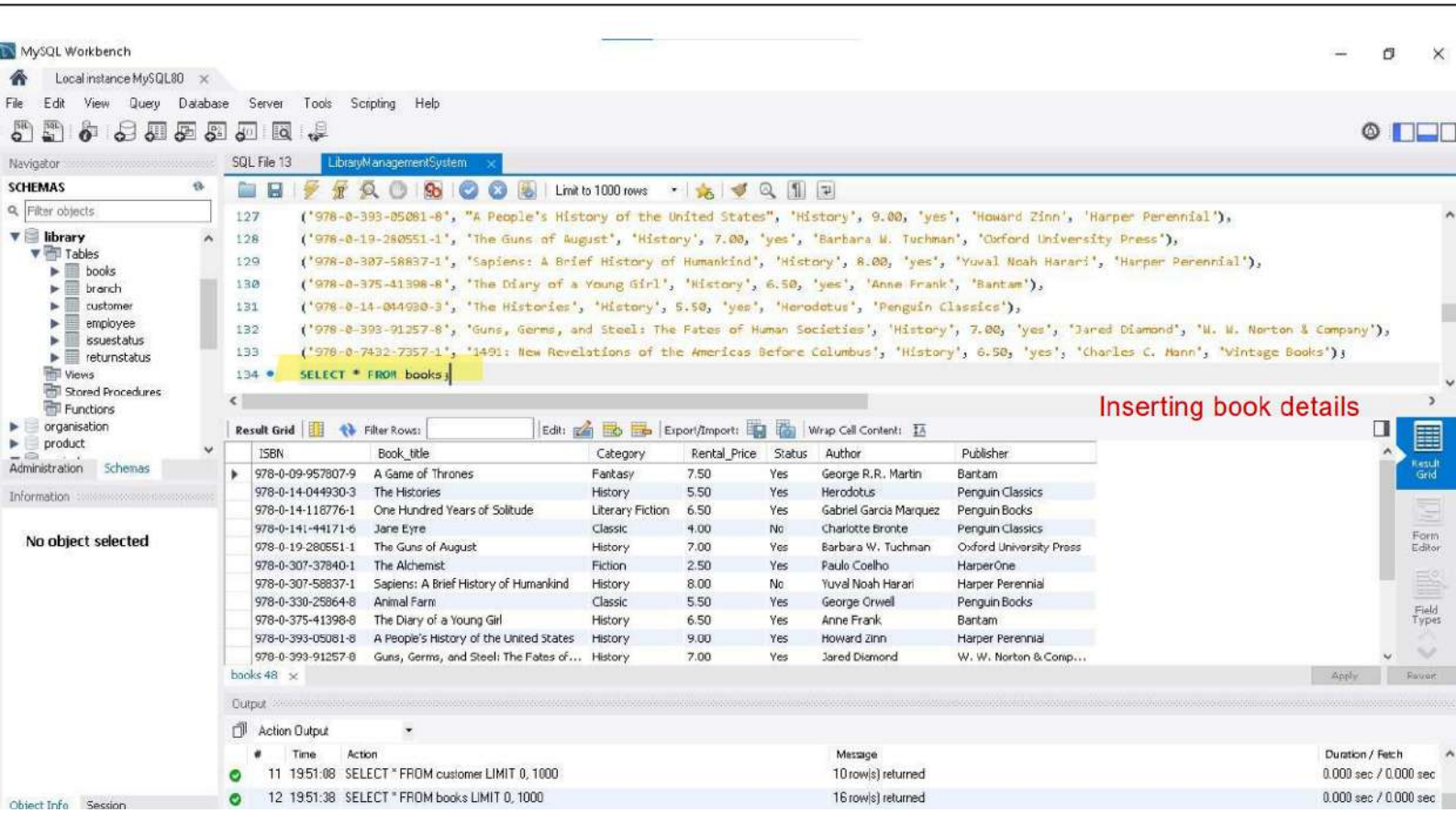
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
95 ('E105', 'Sarah Brown', 'Assistant', 42000.00),
96 ('E106', 'Michelle Ramirez', 'Assistant', 43000.00),
97 ('E107', 'Michael Thompson', 'Manager', 62000.00),
98 ('E108', 'Jessica Taylor', 'Clerk', 46000.00),
99 ('E109', 'Daniel Anderson', 'Librarian', 57000.00),
100 ('E110', 'Laura Martinez', 'Assistant', 41000.00),
101 ('E111', 'Christopher Lee', 'Manager', 65000.00);
102 SELECT * FROM employee;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
Emp_id Emp_name Position Salary branch_no
E101 John Doe Manager 60000.00 B001
E102 Jane Smith Clerk 45000.00 B001
E103 Mike Johnson Librarian 55000.00 B001
E104 Emily Davis Assistant 40000.00 B001
E105 Sarah Brown Assistant 42000.00 B002
E106 Michelle Ramirez Assistant 43000.00 B003
E107 Michael Thompson Manager 62000.00 B002
E108 Jessica Taylor Clerk 46000.00 B002
E109 Daniel Anderson Librarian 57000.00 B002
E110 Laura Martinez Assistant 41000.00 B004
E111 Christopher Lee Manager 65000.00 B003
employee 46
Result Grid
Form Editor
Field Types
Apply
Revert
Output
Action Output
Time Action Message Duration / Fetch
8 19:48:53 SHOW TABLES 6 row(s) returned 0.016 sec / 0.000 sec
9 19:49:25 SELECT * FROM branch LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
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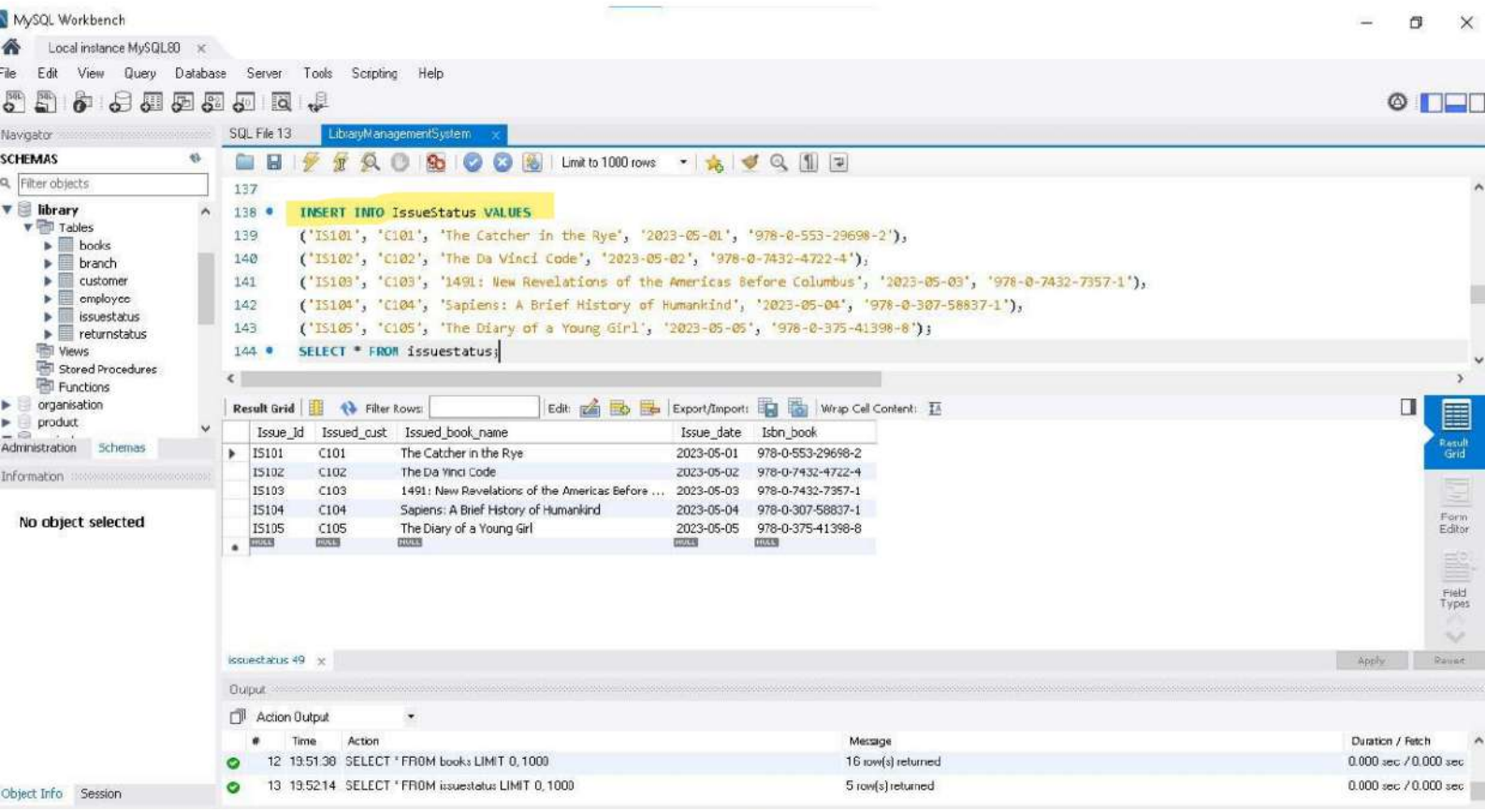
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
('978-0-393-05081-8', "A People's History of the United States", 'History', 9.00, 'yes', 'Howard Zinn', 'Harper Perennial'),
('978-0-19-280551-1', 'The Guns of August', 'History', 7.00, 'yes', 'Barbara W. Tuchman', 'Oxford University Press'),
('978-0-307-58837-1', 'Sapiens: A Brief History of Humankind', 'History', 8.00, 'yes', 'Yuval Noah Harari', 'Harper Perennial'),
('978-0-375-41398-8', 'The Diary of a Young Girl', 'History', 6.50, 'yes', 'Anne Frank', 'Bantam'),
('978-0-14-044930-3', 'The Histories', 'History', 5.50, 'yes', 'Herodotus', 'Penguin Classics'),
('978-0-393-91257-8', 'Guns, Germs, and Steel: The Fates of Human Societies', 'History', 7.00, 'yes', 'Jared Diamond', 'W. W. Norton & Company'),
('978-0-7432-7357-1', '1491: New Revelations of the Americas Before Columbus', 'History', 6.50, 'yes', 'Charles C. Mann', 'Vintage Books');
SELECT * FROM books;
Inserting book details
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
ISBN Book_title Category Rental_Price Status Author Publisher
978-0-09-957807-9 A Game of Thrones Fantasy 7.50 Yes George R.R. Martin Bantam
978-0-14-044930-3 The Histories History 5.50 Yes Herodotus Penguin Classics
978-0-14-118776-1 One Hundred Years of Solitude Literary Fiction 6.50 Yes Gabriel Garcia Marquez Penguin Books
978-0-141-44171-6 Jane Eyre Classic 4.00 No Charlotte Bronte Penguin Classics
978-0-19-280551-1 The Guns of August History 7.00 Yes Barbara W. Tuchman Oxford University Press
978-0-307-37840-1 The Alchemist Fiction 2.50 Yes Paulo Coelho HarperOne
978-0-307-58837-1 Sapiens: A Brief History of Humankind History 8.00 No Yuval Noah Harari Harper Perennial
978-0-330-25864-8 Animal Farm Classic 5.50 Yes George Orwell Penguin Books
978-0-375-41398-8 The Diary of a Young Girl History 6.50 Yes Anne Frank Bantam
978-0-393-05081-8 A People's History of the United States History 9.00 Yes Howard Zinn Harper Perennial
978-0-393-91257-8 Guns, Germs, and Steel: The Fates of... History 7.00 Yes Jared Diamond W. W. Norton & Comp...
books 48
Result Grid
Form Editor
Field Types
Apply Revert
Output
Action Output
Time Action Message Duration / Fetch
11 19:51:08 SELECT * FROM customer LIMIT 0, 1000 10 row(s) returned 0.000 sec / 0.000 sec
12 19:51:38 SELECT * FROM books LIMIT 0, 1000 16 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
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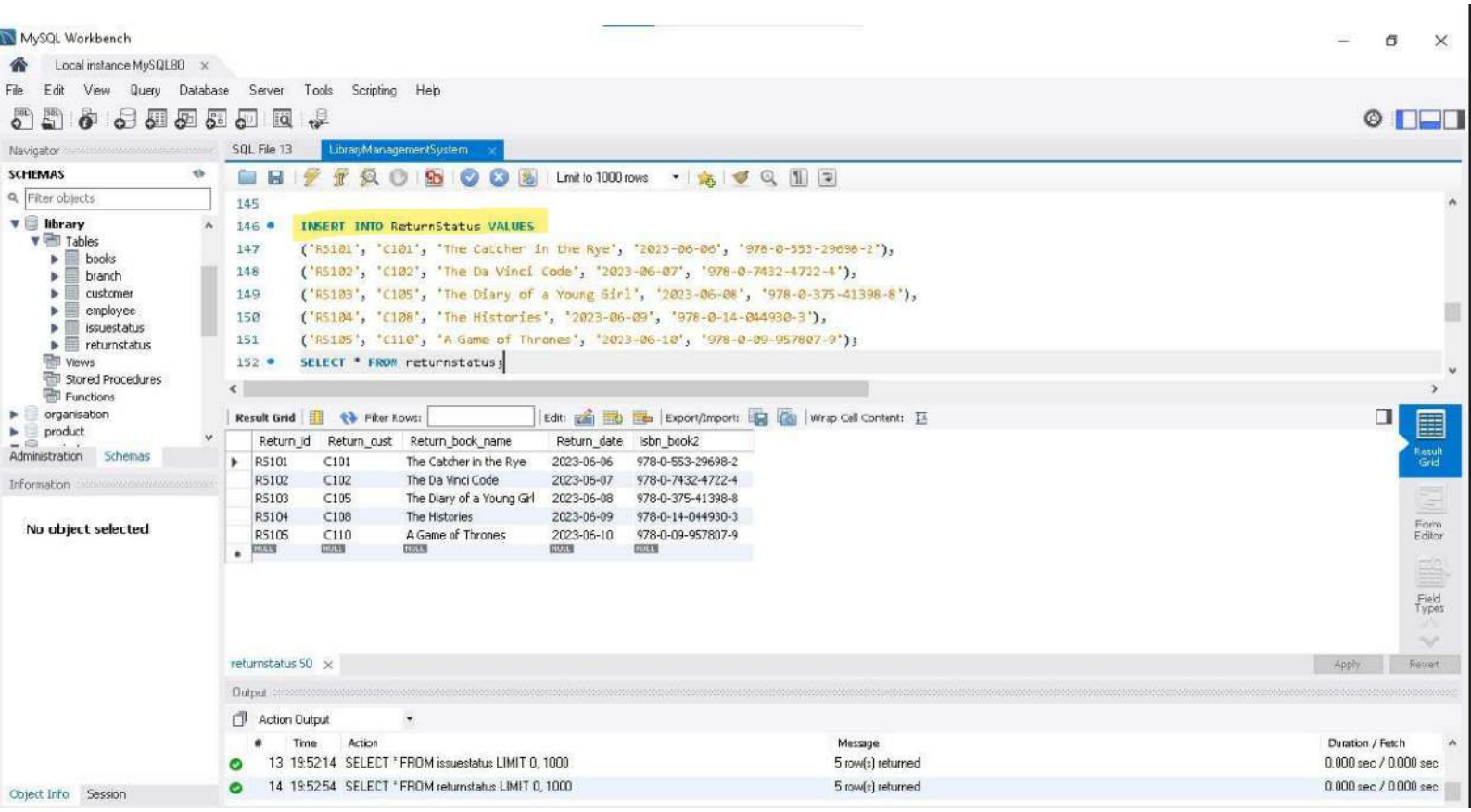
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
137
138 • INSERT INTO IssueStatus VALUES
139 ('IS101', 'C101', 'The Catcher in the Rye', '2023-05-01', '978-0-553-29698-2'),
140 ('IS102', 'C102', 'The Da Vinci Code', '2023-05-02', '978-0-7432-4722-4'),
141 ('IS103', 'C103', '1491: New Revelations of the Americas Before Columbus', '2023-05-03', '978-0-7432-7357-1'),
142 ('IS104', 'C104', 'Sapiens: A Brief History of Humankind', '2023-05-04', '978-0-307-58837-1'),
143 ('IS105', 'C105', 'The Diary of a Young Girl', '2023-05-05', '978-0-375-41398-8');
144 • SELECT * FROM issuestatus;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
Issue_Id Issued_cust Issued_book_name Issue_date Isbn_book
IS101 C101 The Catcher in the Rye 2023-05-01 978-0-553-29698-2
IS102 C102 The Da Vinci Code 2023-05-02 978-0-7432-4722-4
IS103 C103 1491: New Revelations of the Americas Before ... 2023-05-03 978-0-7432-7357-1
IS104 C104 Sapiens: A Brief History of Humankind 2023-05-04 978-0-307-58837-1
IS105 C105 The Diary of a Young Girl 2023-05-05 978-0-375-41398-8
Result Grid
Form Editor
Field Types
issuestatus 49
Apply
Revert
Output
Action Output
Time Action Message Duration / Fetch
12 19:51:38 SELECT * FROM books LIMIT 0, 1000 16 row(s) returned 0.000 sec / 0.000 sec
13 19:52:14 SELECT * FROM issuestatus LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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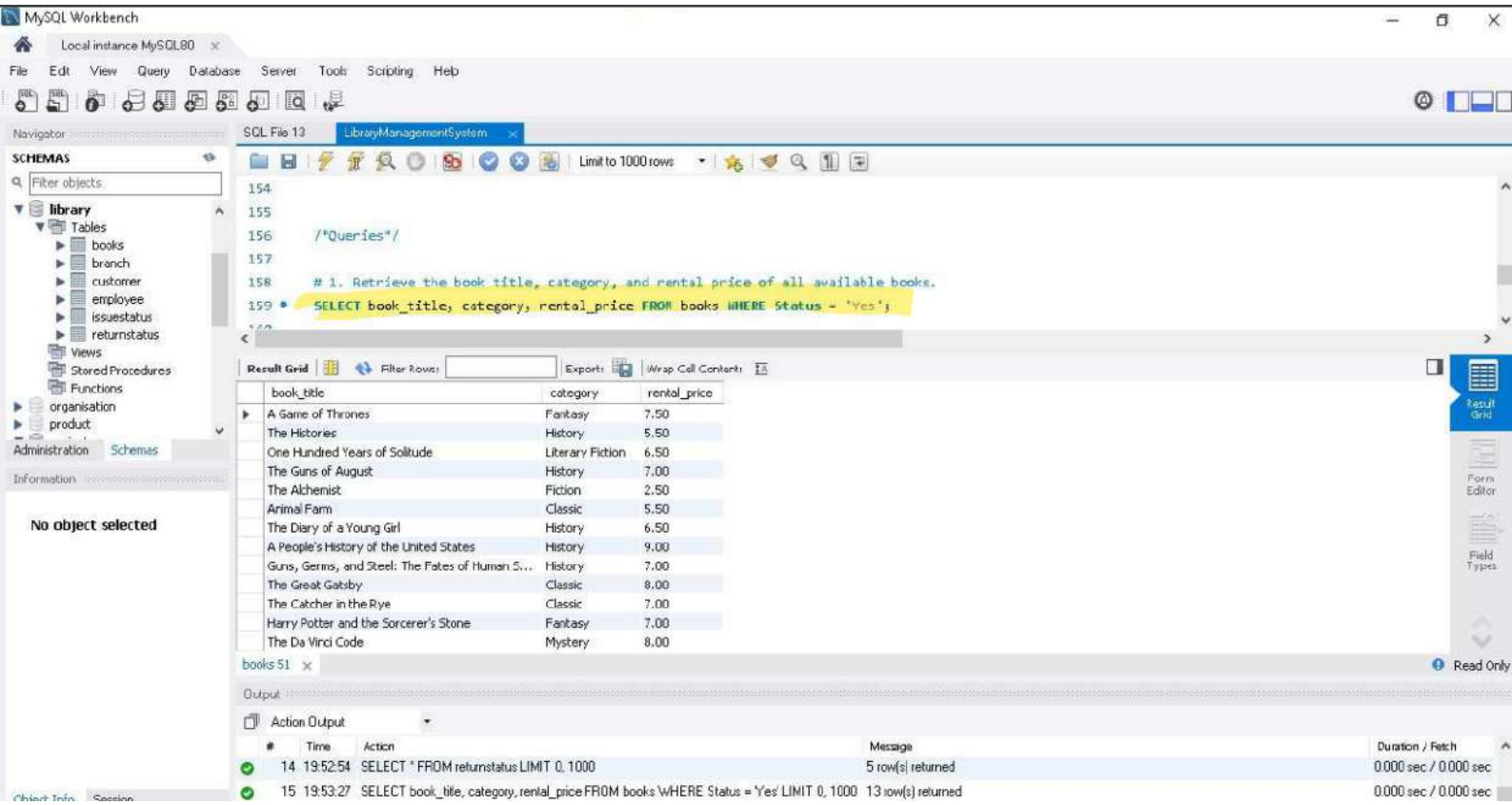
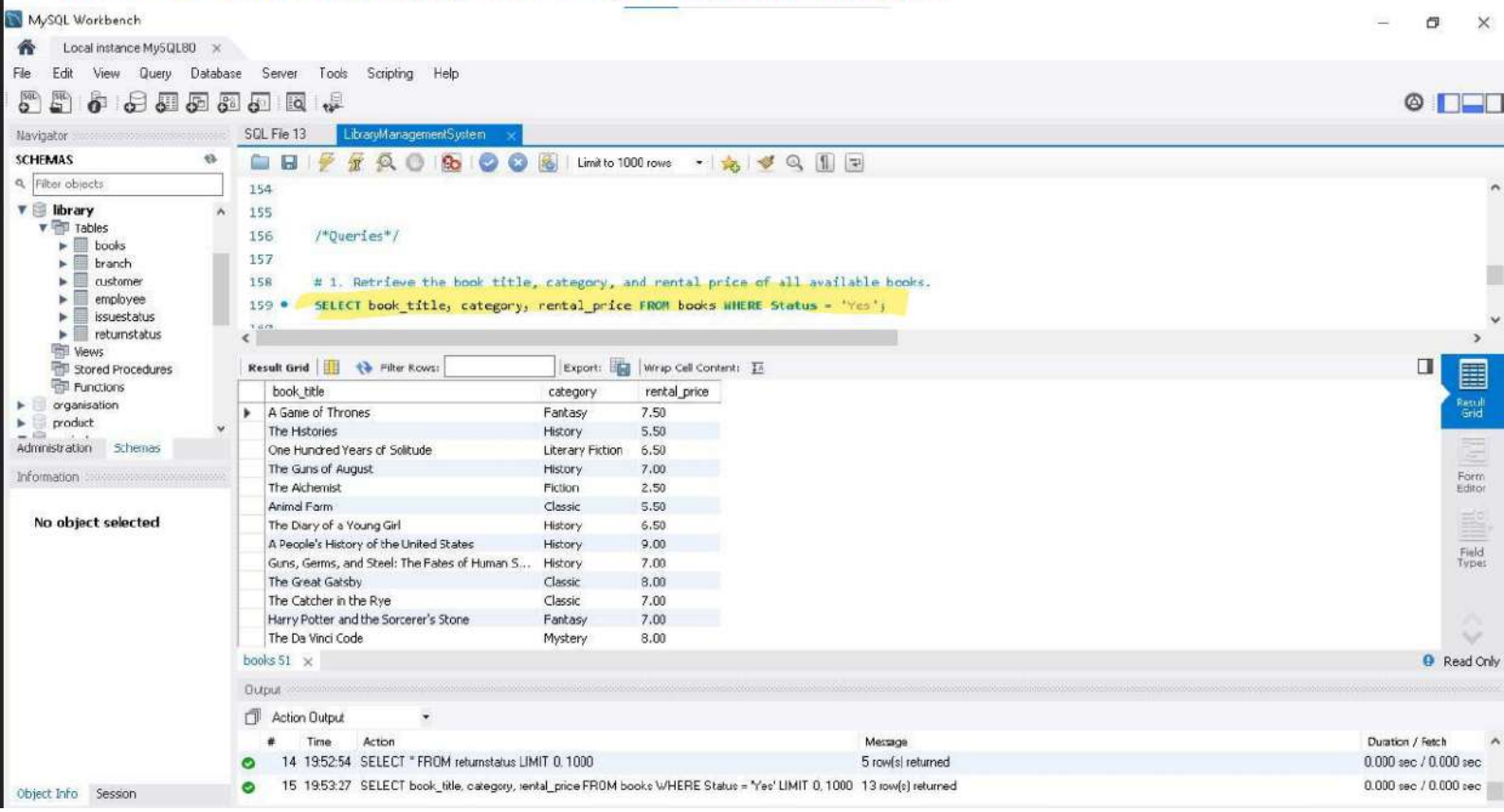
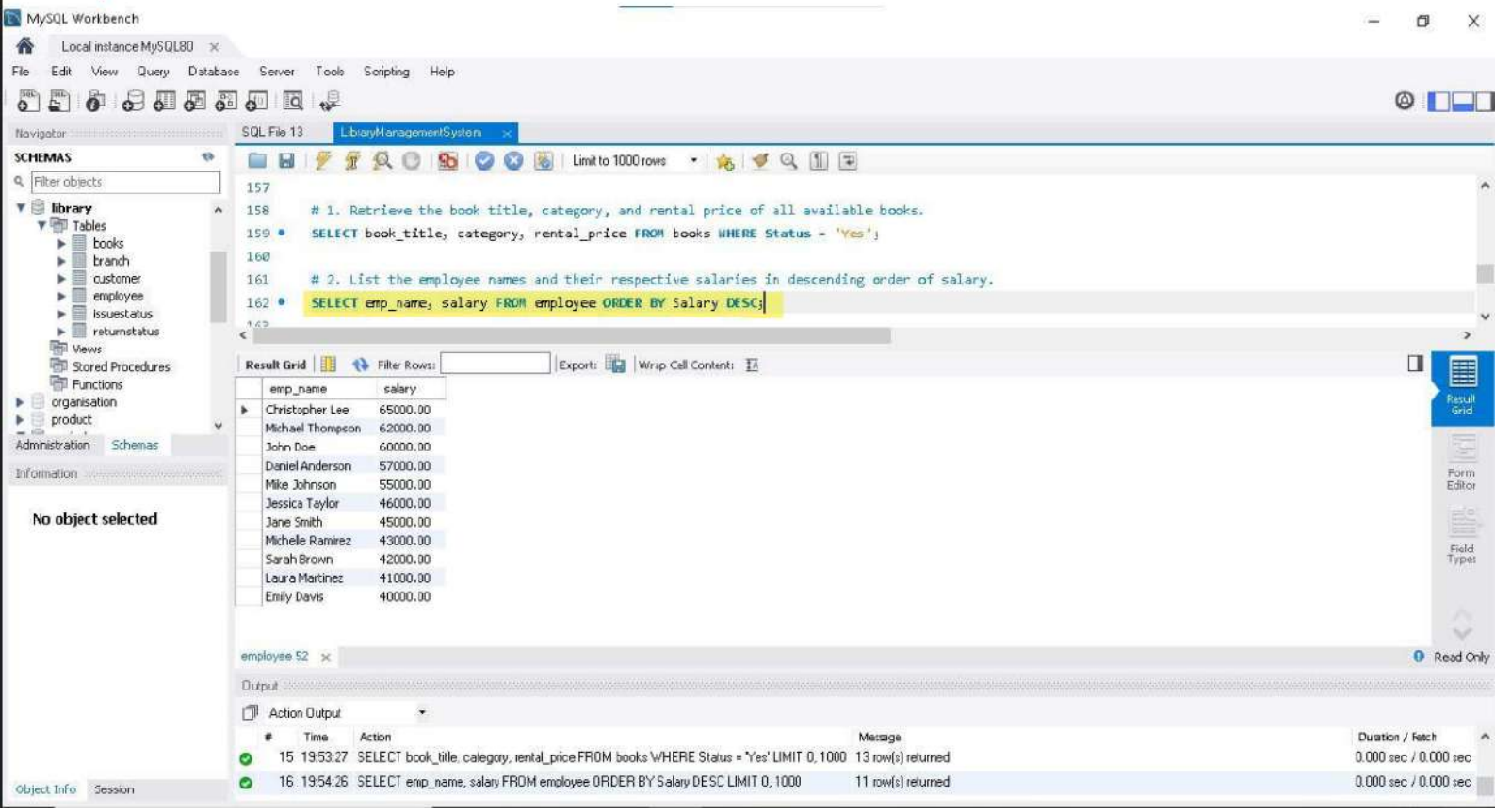
branch
customer
employee
issuestatus
returnstatus
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
145
146 INSERT INTO ReturnStatus VALUES
147 ('RS101', 'C101', 'The Catcher in the Rye', '2023-06-06', '978-0-553-29698-2'),
148 ('RS102', 'C102', 'The Da Vinci Code', '2023-06-07', '978-0-7432-4722-4'),
149 ('RS103', 'C105', 'The Diary of a Young Girl', '2023-06-08', '978-0-375-41398-8'),
150 ('RS104', 'C108', 'The Histories', '2023-06-09', '978-0-14-044930-3'),
151 ('RS105', 'C110', 'A Game of Thrones', '2023-06-10', '978-0-09-957807-9');
152 SELECT * FROM returnstatus;
Result Grid Filter Rows: Edit: Export/Import: Wrap Call Content:
Return_id Return_cust Return_book_name Return_date isbn_book2
R5101 C101 The Catcher in the Rye 2023-06-06 978-0-553-29698-2
R5102 C102 The Da Vinci Code 2023-06-07 978-0-7432-4722-4
R5103 C105 The Diary of a Young Girl 2023-06-08 978-0-375-41398-8
R5104 C108 The Histories 2023-06-09 978-0-14-044930-3
R5105 C110 A Game of Thrones 2023-06-10 978-0-09-957807-9
Result Grid
Form Editor
Field Types
returnstatus 50
Apply Revert
Output
Action Output
Time Action Message Duration / Fetch
13 19:52:14 SELECT * FROM issuestatus LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
14 19:52:54 SELECT * FROM returnstatus LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
library
Tables
books
branch
customer
employee
issuestatus
returnstatus
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
154
155
156 /*Queries*/
157
158 # 1. Retrieve the book title, category, and rental price of all available books.
159 SELECT book_title, category, rental_price FROM books WHERE Status = 'Yes';
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
book_title category rental_price
A Game of Thrones Fantasy 7.50
The Histories History 5.50
One Hundred Years of Solitude Literary Fiction 6.50
The Guns of August History 7.00
The Alchemist Fiction 2.50
Animal Farm Classic 5.50
The Diary of a Young Girl History 6.50
A People's History of the United States History 9.00
Guns, Germs, and Steel: The Fates of Human S... History 7.00
The Great Gatsby Classic 8.00
The Catcher in the Rye Classic 7.00
Harry Potter and the Sorcerer's Stone Fantasy 7.00
The Da Vinci Code Mystery 8.00
books 51
Read Only
Output
Action Output
Time Action Message Duration / Fetch
14 19:52:54 SELECT * FROM returnstatus LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
15 19:53:27 SELECT book_title, category, rental_price FROM books WHERE Status = 'Yes' LIMIT 0, 1000 13 row(s) returned 0.000 sec / 0.000 sec

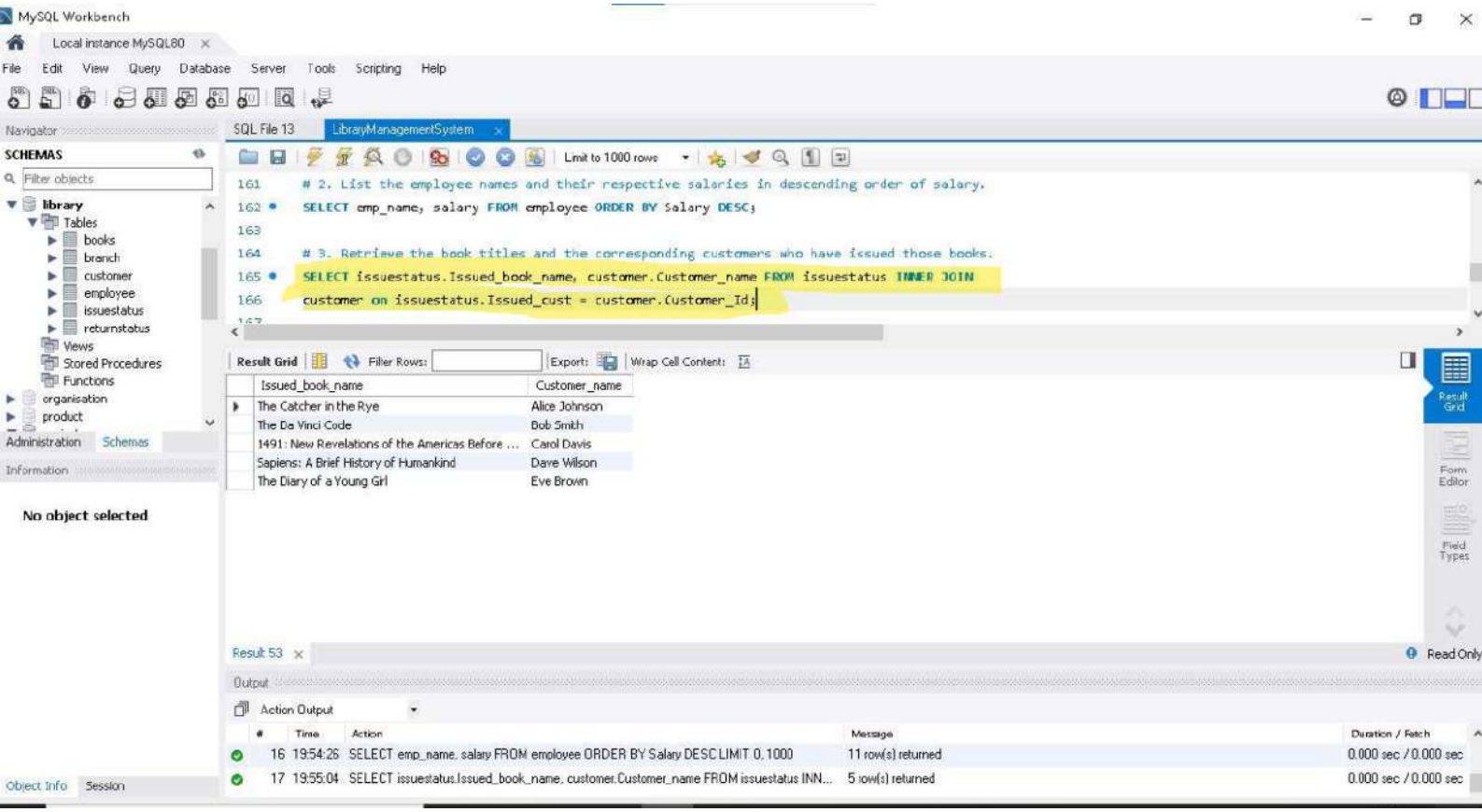
1. Retrieve the book title, category, and rental price of all available books.



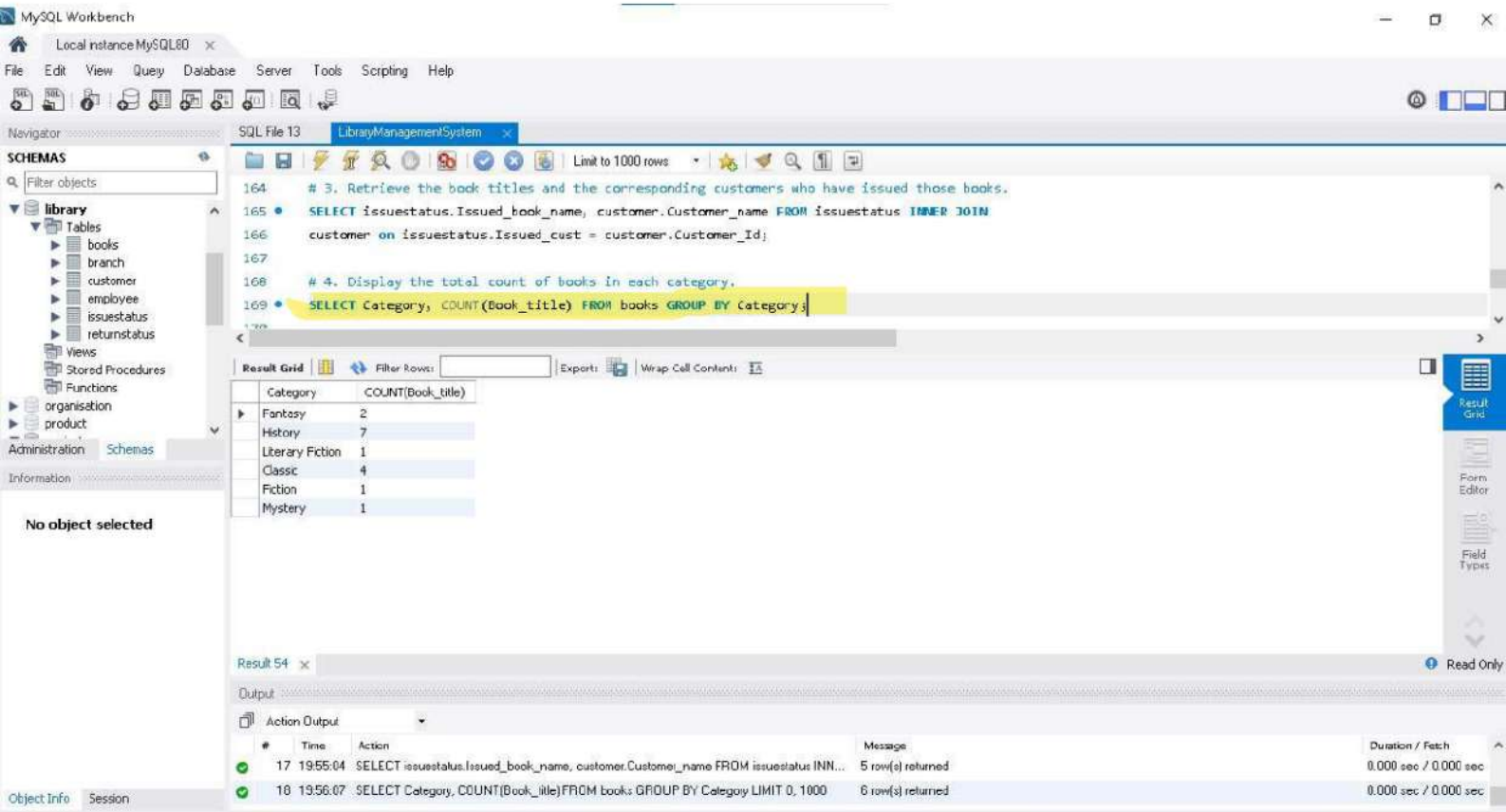
2. List the employee names and their respective salaries in descending order of salary.



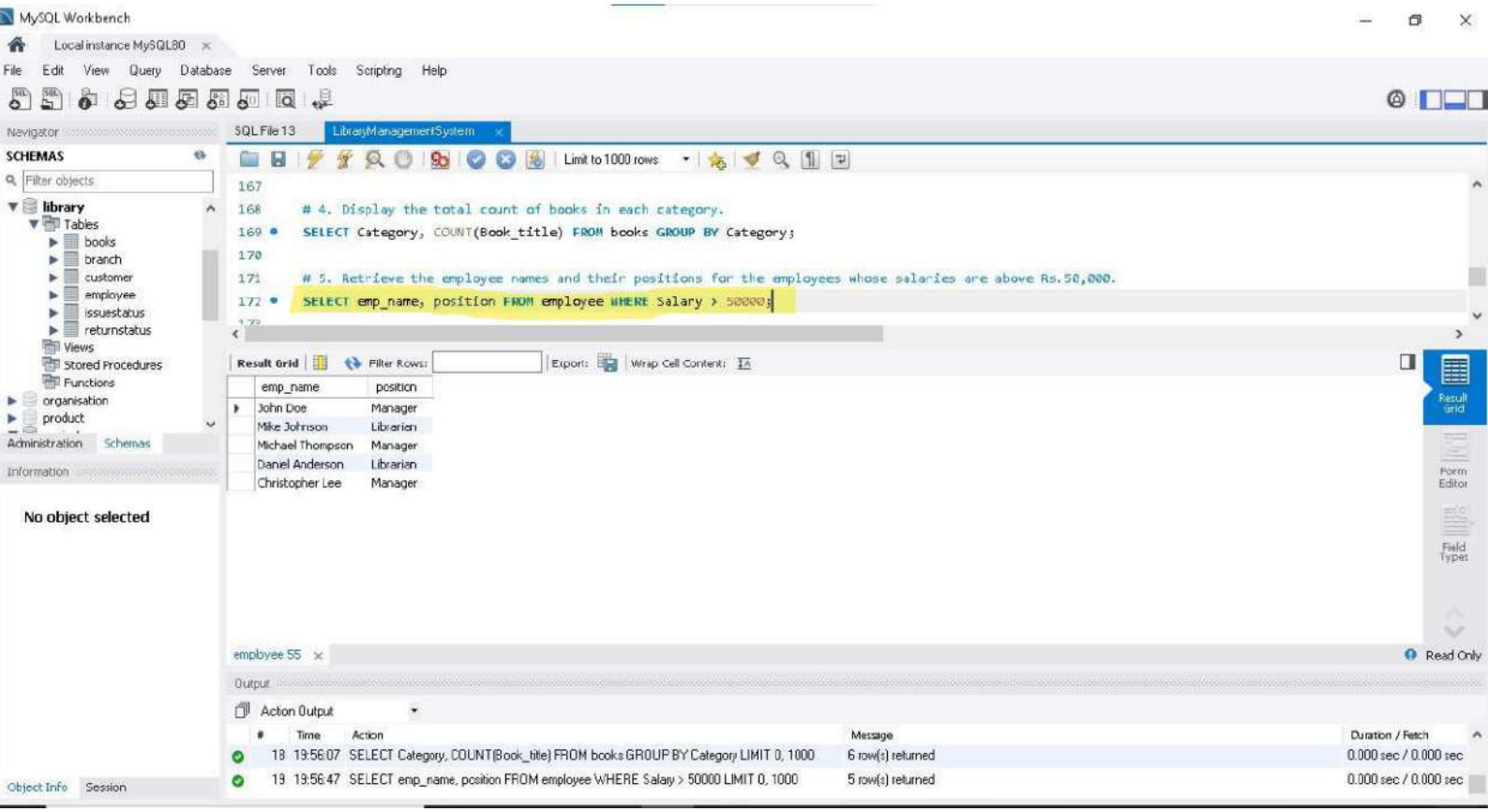
3. Retrieve the book titles and the corresponding customers who have issued those books



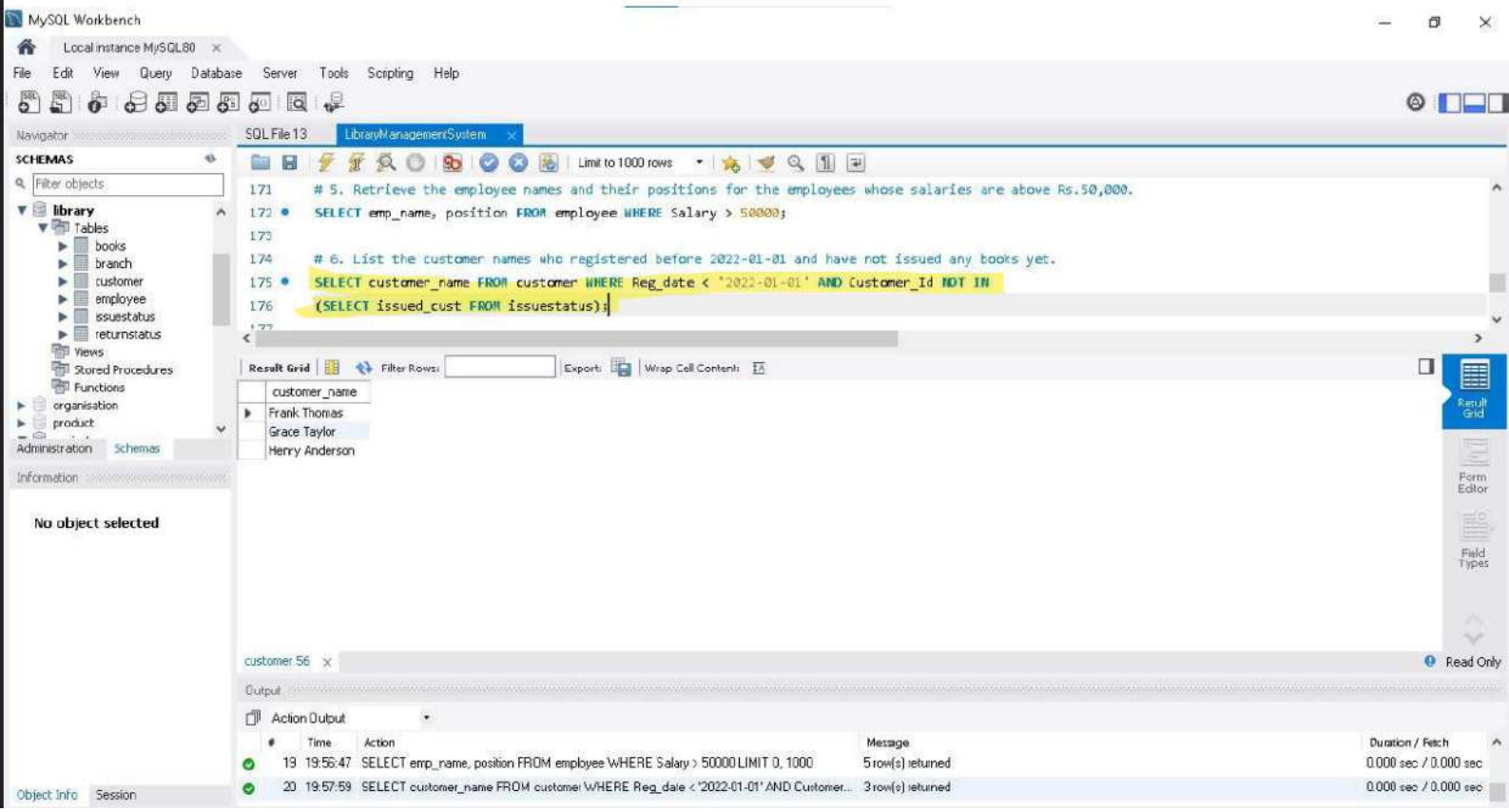
4. Display the total count of books in each category.

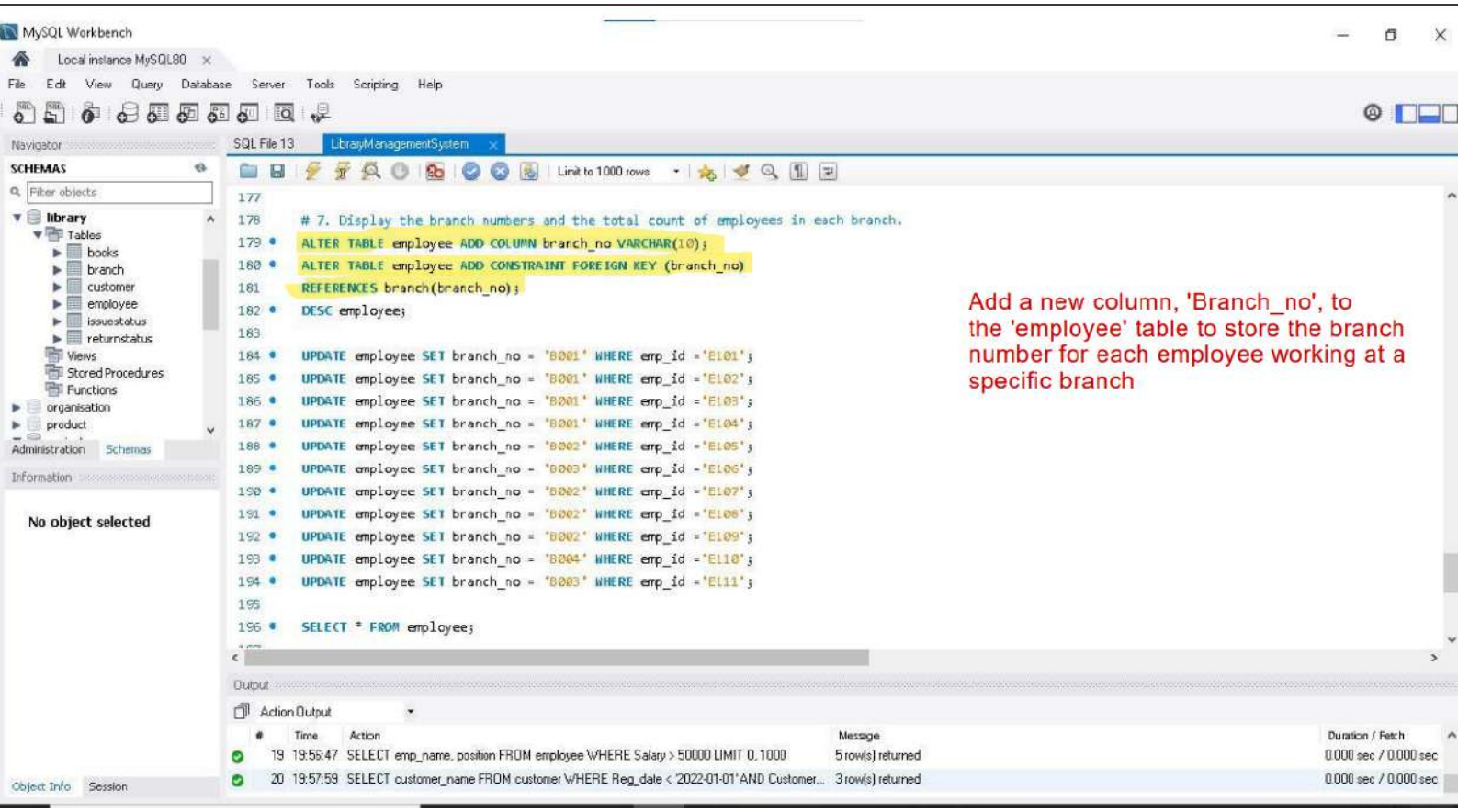


5. Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.

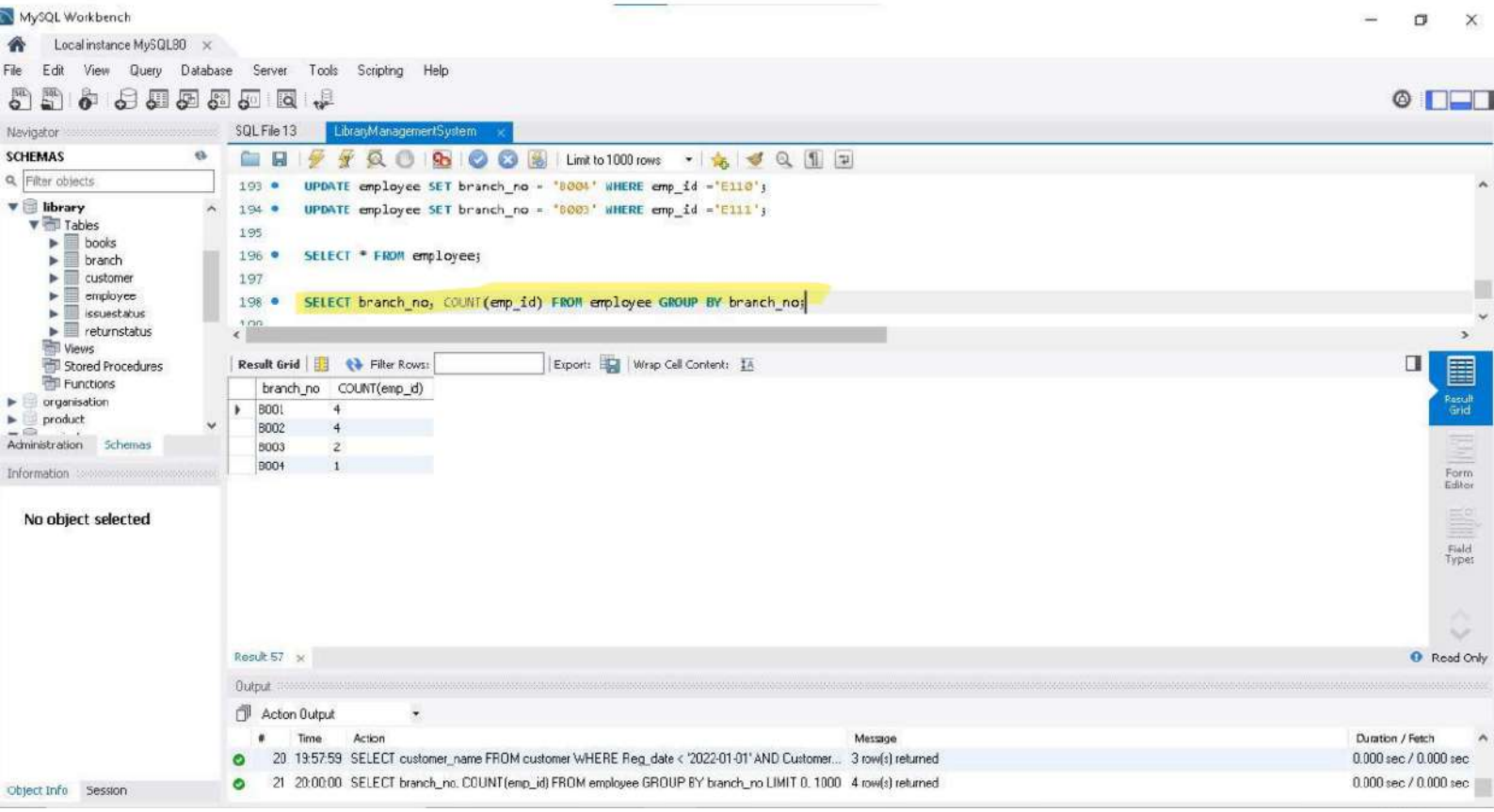


6. List the customer names who registered before 2022-01-01 and have not issued any books yet.

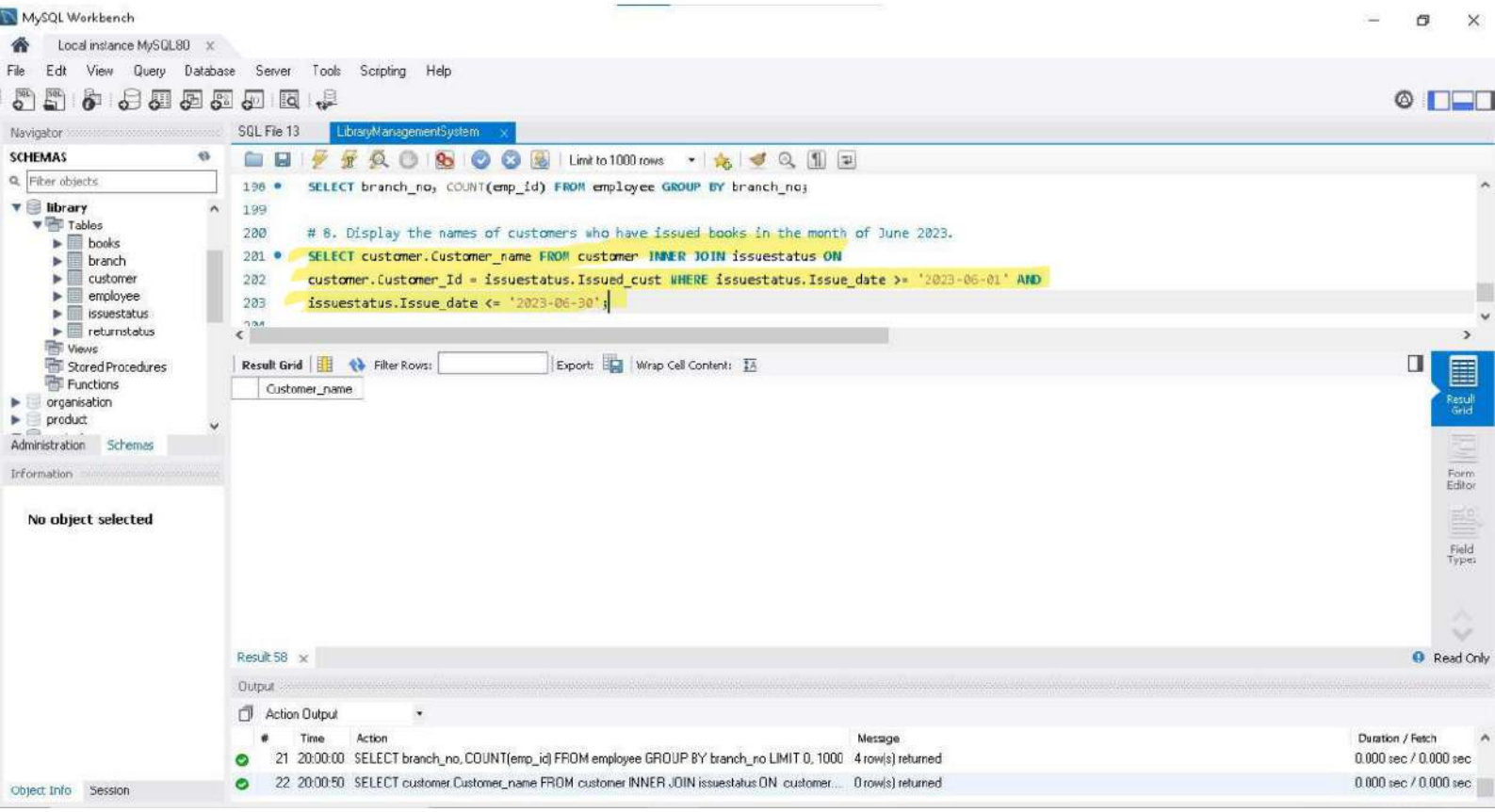



MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
library
Tables
books
branch
customer
employee
issuestatus
returnstatus
Views
Stored Procedures
Functions
organisation
product
Administration Schemas
Information
No object selected
Object Info Session
SQL File 13
LibraryManagementSystem
Limit to 1000 rows
177
178 # 7. Display the branch numbers and the total count of employees in each branch.
179 ALTER TABLE employee ADD COLUMN branch_no VARCHAR(10);
180 ALTER TABLE employee ADD CONSTRAINT FOREIGN KEY (branch_no)
181 REFERENCES branch(branch_no);
182 DESC employee;
183
184 UPDATE employee SET branch_no = 'B001' WHERE emp_id ='E101';
185 UPDATE employee SET branch_no = 'B001' WHERE emp_id ='E102';
186 UPDATE employee SET branch_no = 'B001' WHERE emp_id ='E103';
187 UPDATE employee SET branch_no = 'B001' WHERE emp_id ='E104';
188 UPDATE employee SET branch_no = 'B002' WHERE emp_id ='E105';
189 UPDATE employee SET branch_no = 'B003' WHERE emp_id ='E106';
190 UPDATE employee SET branch_no = 'B002' WHERE emp_id ='E107';
191 UPDATE employee SET branch_no = 'B002' WHERE emp_id ='E108';
192 UPDATE employee SET branch_no = 'B002' WHERE emp_id ='E109';
193 UPDATE employee SET branch_no = 'B004' WHERE emp_id ='E110';
194 UPDATE employee SET branch_no = 'B003' WHERE emp_id ='E111';
195
196 SELECT * FROM employee;
Add a new column, 'Branch_no', to the 'employee' table to store the branch number for each employee working at a specific branch
Output
Action Output
Time Action Message Duration / Fetch
19 19:56:47 SELECT emp_name, position FROM employee WHERE Salary > 50000 LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec
20 19:57:59 SELECT customer_name FROM customer WHERE Reg_date < 2022-01-01' AND Customer... 3 row(s) returned 0.000 sec / 0.000 sec

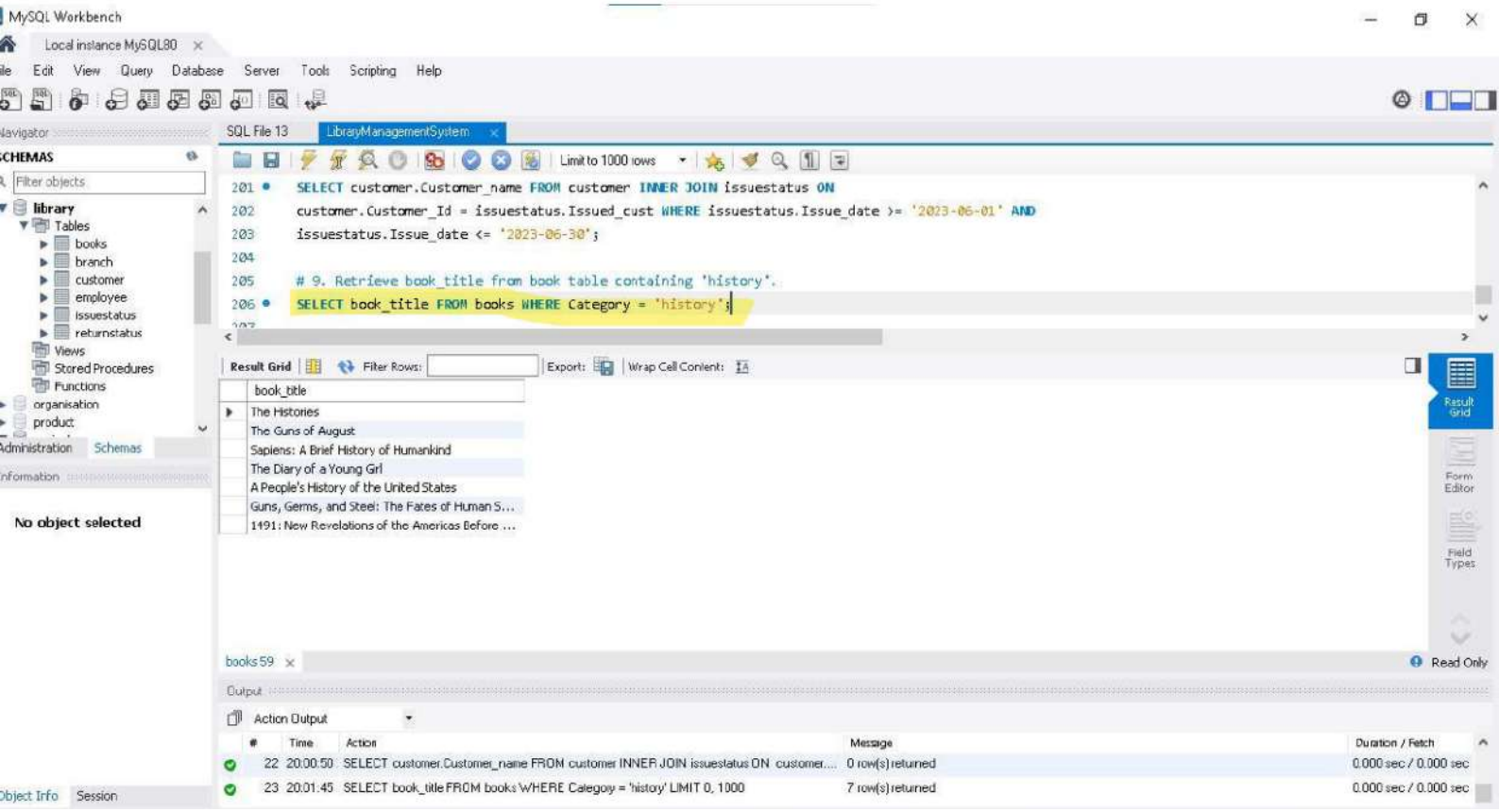
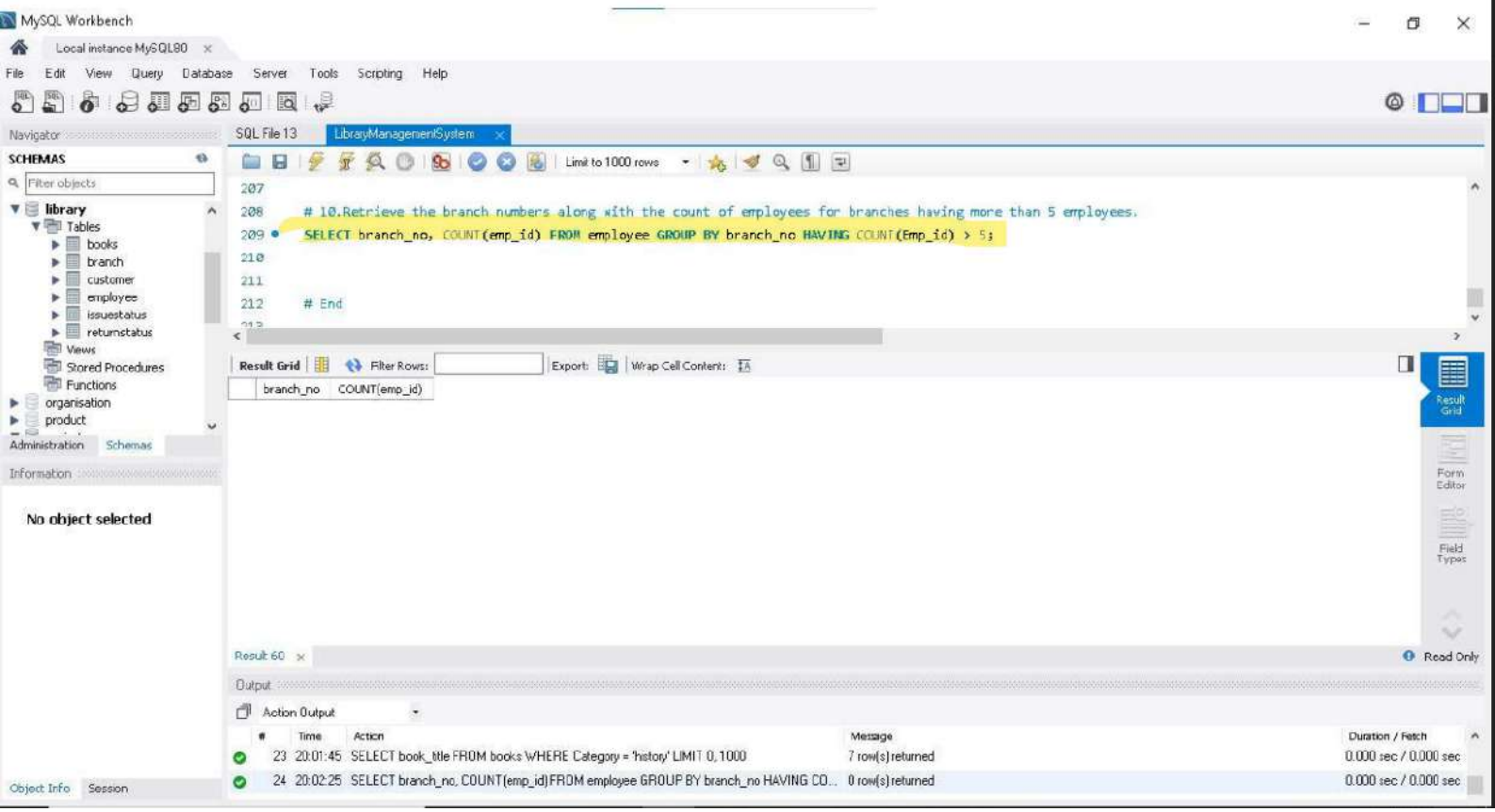
7. Display the branch numbers and the total count of employees in each branch.



8. Display the names of customers who have issued books in the month of June 2023.



9. Retrieve book_title from book table containing history.



10.Retrieve the branch numbers along with the count of employees for branches having more than 5 employees.