



# LIBRARY MANAGEMENT SYSTEM

RESULTS

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

57 • INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no)
58   VALUES
59   (1, 101, 'Main Street, City A', '1234567890'),
60   (2, 102, 'Highway Road, City B', '0987654321'),
61   (3, 103, 'Park Lane, City C', '1122334455'),
62   (4, 104, 'Seaside Blvd, City D', '2233445566'),
63   (5, 105, 'King Street, City E', '3344556677'),
64   (6, 106, 'North Avenue, City F', '4455667788'),
65   (7, 107, 'River Road, City G', '5566778899'),
66   (8, 108, 'Sunset Blvd, City H', '6677889900');
67 • select * from Branch;
68
  
```

Object Info Session

No object selected

100% 22:67

Result Grid Filter Rows: Search Edit: Export/Import:

Branch_no	Manager_Id	Branch_address	Contact_no
1	101	Main Street, City A	1234567890
2	102	Highway Road, City B	0987654321
3	103	Park Lane, City C	1122334455
4	104	Seaside Blvd, City D	2233445566
5	105	King Street, City E	3344556677
6	106	North Avenue, City F	4455667788
7	107	River Road, City G	5566778899
8	108	Sunset Blvd, City H	6677889900
HULL	HULL	HULL	HULL

Branch 19 Apply

Result Grid Form Editor Field Types

Action Output

Time	Action	Response	Duration / Fetch Time
27 03:29:30	SELECT Emp_name, POSITION FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	3 row(s) returned	0.00027 sec / 0.0000...
28 03:29:30	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_id...	0 row(s) returned	0.0020 sec / 0.0000...
29 03:29:30	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT...	6 row(s) returned	0.00015 sec / 0.0000...
30 03:29:30	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust...	4 row(s) returned	0.00014 sec / 0.0000...
31 03:29:30	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	1 row(s) returned	0.00073 sec / 0.0000...
32 03:29:30	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING...	0 row(s) returned	0.00014 sec / 0.0000...
33 03:29:30	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee...	1 row(s) returned	0.00014 sec / 0.0000...
34 03:29:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Ibsn...	5 row(s) returned	0.00036 sec / 0.0000...
35 03:35:42	select * from Branch LIMIT 0, 1000	8 row(s) returned	0.023 sec / 0.00032...

Query Completed

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

Object Info Session No object selected

100% 21:91

Limit to 1000 rows

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```

84   (102, 'To Kill a Mockingbird', 'Fiction', 25.00, 'Yes', 'Harper Lee', 'J.B. Lippincott & Co.'),
85   (103, '1984', 'Dystopian', 20.00, 'No', 'George Orwell', 'Secker & Warburg'),
86   (104, 'Moby Dick', 'Adventure', 35.00, 'Yes', 'Herman Melville', 'Harper & Brothers'),
87   (105, 'Pride and Prejudice', 'Romance', 28.00, 'No', 'Jane Austen', 'T. Egerton'),
88   (106, 'The Catcher in the Rye', 'Fiction', 22.00, 'Yes', 'J.D. Salinger', 'Little, Brown and Company'),
89   (107, 'The Hobbit', 'Fantasy', 40.00, 'Yes', 'J.R.R. Tolkien', 'George Allen & Unwin'),
90   (108, 'History of Time', 'History', 50.00, 'Yes', 'Leo Tolstoy', 'The Russian Messenger');

91 • select * from Books;

92

93 • INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date)
VALUES
94
(1, 'Michael Brown', 'Street 1, City A', '2021-05-10'),
95 (2, 'Sarah Lee', 'Avenue 2, City B', '2020-08-22');

```

Result Grid Filter Rows: Search Edit: Export/Import: Result Grid

ISBN	Book_t...	Category	Rental_Price	Status	Author	Publisher
101	The Gr...	Fiction	30.00	Yes	F. Scott Fitzgerald	Scribner
102	To Kill...	Fiction	25.00	Yes	Harper Lee	J.B. Lippincott & Co.
103	1984	Dystopian	20.00	No	George Orwell	Secker & Warburg
104	Moby...	Adventure	35.00	Yes	Herman Melville	Harper & Brothers
105	Pride a...	Romance	28.00	No	Jane Austen	T. Egerton
106	The C...	Fiction	22.00	Yes	J.D. Salinger	Little, Brown and Company
107	The H...	Fantasy	40.00	Yes	J.R.R. Tolkien	George Allen & Unwin
108	History...	History	50.00	Yes	Leo Tolstoy	The Russian Messenger
HULL	HULL	HULL	HULL	HULL	HULL	HULL

Books 21 Apply

Action Output

Time	Action	Response	Duration / Fetch Time
03:29:30	SELECT Branch_no, COUNT(*) AS total_Employees FROM Employee GROUP BY Branch_no LIMIT ...	0 row(s) returned	0.00015 sec / 0.00000...
03:29:30	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust...	4 row(s) returned	0.00014 sec / 0.00000...
03:29:30	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	1 row(s) returned	0.00073 sec / 0.00000...
03:29:30	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING...	0 row(s) returned	0.00014 sec / 0.00000...
03:29:30	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee...	1 row(s) returned	0.00014 sec / 0.00000...
03:29:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Ibsn...	5 row(s) returned	0.00036 sec / 0.00000...
03:35:42	select * from Branch LIMIT 0, 1000	8 row(s) returned	0.023 sec / 0.00032...
03:38:46	select * from Employee LIMIT 0, 1000	8 row(s) returned	0.00084 sec / 0.00000...
03:39:17	select * from Books LIMIT 0, 1000	8 row(s) returned	0.00052 sec / 0.00000...

Query Completed

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

74  (111, 'Bob Brown', 'Assistant', 40000, 2),
75  (112, 'Charlie White', 'Clerk', 30000, 3),
76  (113, 'David Green', 'Manager', 70000, 4),
77  (114, 'Eva Blue', 'Assistant', 42000, 5),
78  (115, 'Frank Black', 'Clerk', 28000, 1);
79 • select * from Employee;
80
81 • INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher)
VALUES
83  (101, 'The Great Gatsby', 'Fiction', 30.00, 'Yes', 'F. Scott Fitzgerald', 'Scribner'),
84  (102, 'To Kill a Mockingbird', 'Fiction', 25.00, 'Yes', 'Harper Lee', 'J.B. Lippincott & Co.'),
85  (103, '1984', 'Dystopian', 20.00, 'No', 'George Orwell', 'Secker & Warburg'),
86  (104, 'Moby-Dick!', 'Adventure', 35.00, 'Yes', 'Herman Melville', 'Harper & Brothers')

```

Object Info Session

No object selected

Result Grid Filter Rows: Search Edit: Export/Import:

Emp_Id	Emp_name	Position	Salary	Branch_no
108	John Doe	Manager	60000.00	6
109	Jane Smith	Clerk	35000.00	1
110	Alice Johnson	Manager	65000.00	2
111	Bob Brown	Assistant	40000.00	2
112	Charlie White	Clerk	30000.00	3
113	David Green	Manager	70000.00	4
114	Eva Blue	Assistant	42000.00	5
115	Frank Black	Clerk	28000.00	1
HULL	HULL	HULL	HULL	HULL

Employee 20 Apply

Result Grid Form Editor Field Types

Action Output

Time	Action	Response	Duration / Fetch Time
03:29:30	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_id...	0 row(s) returned	0.0020 sec / 0.00000...
03:29:30	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT ...	6 row(s) returned	0.00015 sec / 0.0000...
03:29:30	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust...	4 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	1 row(s) returned	0.00073 sec / 0.0000...
03:29:30	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING...	0 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employe...	1 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.isbn...	5 row(s) returned	0.00036 sec / 0.0000...
03:35:42	select * from Branch LIMIT 0, 1000	8 row(s) returned	0.023 sec / 0.00032...
03:38:46	select * from Employee LIMIT 0, 1000	8 row(s) returned	0.00084 sec / 0.0000...

Query Completed

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

Object Info Session No object selected

```

92
93 • INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date)
VALUES
(1, 'Michael Brown', 'Street 1, City A', '2021-05-10'),
(2, 'Sarah Lee', 'Avenue 2, City B', '2020-08-22'),
(3, 'James White', 'Boulevard 3, City C', '2019-11-05'),
(4, 'Linda Black', 'Lane 4, City D', '2022-03-16'),
(5, 'Robert Green', 'Park 5, City E', '2021-06-28'),
(6, 'William Blue', 'River 6, City F', '2020-12-12'),
(7, 'Elizabeth Gray', 'North Road 7, City G', '2022-01-03'),
(8, 'Barbara Red', 'East Ave 8, City H', '2021-07-18');
103 • select * from Customer;

```

100% 24:103

Result Grid Filter Rows: Search Edit: Export/Import: Result Grid Form Editor Field Types

Customer_Id	Customer_name	Customer_address	Reg_date
1	Michael Brown	Street 1, City A	2021-05-10
2	Sarah Lee	Avenue 2, City B	2020-08-22
3	James White	Boulevard 3, City C	2019-11-05
4	Linda Black	Lane 4, City D	2022-03-16
5	Robert Green	Park 5, City E	2021-06-28
6	William Blue	River 6, City F	2020-12-12
7	Elizabeth Gray	North Road 7, City G	2022-01-03
8	Barbara Red	East Ave 8, City H	2021-07-18
HULL	HULL	HULL	HULL

Customer 22 Apply

Action Output

Time	Action	Response	Duration / Fetch Time
03:29:30	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_Customer_id = Customer.Customer_id	4 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	1 row(s) returned	0.00073 sec / 0.0000...
03:29:30	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 10	0 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee.Branch_no = Branch.Branch_no	1 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Issue_Status_id = Books.Book_id	5 row(s) returned	0.00036 sec / 0.0000...
03:35:42	select * from Branch LIMIT 0, 1000	8 row(s) returned	0.023 sec / 0.00032...
03:38:46	select * from Employee LIMIT 0, 1000	8 row(s) returned	0.00084 sec / 0.0000...
03:39:17	select * from Books LIMIT 0, 1000	8 row(s) returned	0.00052 sec / 0.0000...
03:39:37	select * from Customer LIMIT 0, 1000	8 row(s) returned	0.00070 sec / 0.0000...

Query Completed

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

Object Info Session No object selected

```

105 • INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, Isbn_book)
106 VALUES
107 (1, 1, 'The Great Gatsby', '2023-06-10', 101),
108 (2, 2, '1984', '2023-06-15', 103),
109 (3, 3, 'Moby Dick', '2023-07-02', 104),
110 (4, 4, 'The Catcher in the Rye', '2023-06-25', 106),
111 (5, 5, 'The Hobbit', '2023-05-19', 107),
112 (6, 6, 'War and Peace', '2023-07-10', 108),
113 (7, 7, 'To Kill a Mockingbird', '2023-06-30', 102),
114 (8, 8, 'Pride and Prejudice', '2023-07-05', 105);
115 • select * from IssueStatus;
116
117 • TRUNCATE TABLE ReturnStatus /Return_Id Return_cust Return_book_name Return_date Techn_book?/
100% 27:115

```

Result Grid Filter Rows: Search Edit: Export/Import: Result Grid Form Editor Field Types

Issue_Id	Issued_cust	Issued_book_name	Issue_date	Isbn_book
1	1	The Great Gatsby	2023-06-10	101
2	2	1984	2023-06-15	103
3	3	Moby Dick	2023-07-02	104
4	4	The Catcher in the Rye	2023-06-25	106
5	5	The Hobbit	2023-05-19	107
6	6	War and Peace	2023-07-10	108
7	7	To Kill a Mockingbird	2023-06-30	102
8	8	Pride and Prejudice	2023-07-05	105
HULL	HULL	HULL	HULL	HULL

IssueStatus 23 Apply

Action Output

Time	Action	Response	Duration / Fetch Time
03:29:30	SELECT BOOK_TITLE FROM BOOKS WHERE BOOK_TITLE LIKE '%history%' LIMIT 0, 1000	1 row(s) returned	0.00073 sec / 0.0000...
03:29:30	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING...	0 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee...	1 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn...	5 row(s) returned	0.00036 sec / 0.000...
03:35:42	select * from Branch LIMIT 0, 1000	8 row(s) returned	0.023 sec / 0.00032...
03:38:46	select * from Employee LIMIT 0, 1000	8 row(s) returned	0.00084 sec / 0.000...
03:39:17	select * from Books LIMIT 0, 1000	8 row(s) returned	0.00052 sec / 0.0000...
03:39:37	select * from Customer LIMIT 0, 1000	8 row(s) returned	0.00070 sec / 0.0000...
03:40:24	select * from IssueStatus LIMIT 0, 1000	8 row(s) returned	0.0019 sec / 0.00002...

Query Completed

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

123 (5, 5, 'The Hobbit', '2023-06-30', 107),
124 (6, 6, 'War and Peace', '2023-07-15', 108),
125 (7, 7, 'To Kill a Mockingbird', '2023-07-05', 102),
126 (8, 8, 'Pride and Prejudice', '2023-07-15', 105);
127 * select * from ReturnStatus;
128
129 # 1. Retrieve the book title, category, and rental price of all available books.
130 * SELECT Book_title, Category, Rental_Price
131 FROM Books
132 WHERE Status = 'Yes';
133
134 # 2. List the employee names and their respective salaries in descending order of salary
135 * SELECT Emp_name, Salary

```

Object Info Session  
No object selected

Result Grid Filter Rows: Search Edit: Export/Import: Result Grid Form Editor Field Types

Return_Id	Return_cust	Return_book_name	Return_date	isbn_book2
1	1	The Great Gatsby	2023-06-20	101
2	2	1984	2023-06-25	103
3	3	Moby Dick	2023-07-10	104
4	4	The Catcher in the Rye	2023-07-05	106
5	5	The Hobbit	2023-06-30	107
6	6	War and Peace	2023-07-15	108
7	7	To Kill a Mockingbird	2023-07-05	102
8	8	Pride and Prejudice	2023-07-15	105
HULL	HULL	HULL	HULL	HULL

ResponseStatus 24 Apply

Action Output

Time	Action	Response	Duration / Fetch Time
03:29:30	SELECT Branch_no, COUNT(*) AS total_employees FROM Employee GROUP BY Branch_no HAVING...	0 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee...	1 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.isbn...	5 row(s) returned	0.00036 sec / 0.000...
03:35:42	select * from Branch LIMIT 0, 1000	8 row(s) returned	0.023 sec / 0.00032...
03:38:46	select * from Employee LIMIT 0, 1000	8 row(s) returned	0.00084 sec / 0.000...
03:39:17	select * from Books LIMIT 0, 1000	8 row(s) returned	0.00052 sec / 0.000...
03:39:37	select * from Customer LIMIT 0, 1000	8 row(s) returned	0.00070 sec / 0.000...
03:40:24	select * from IssueStatus LIMIT 0, 1000	8 row(s) returned	0.0019 sec / 0.00002...
03:40:53	select * from ReturnStatus LIMIT 0, 1000	8 row(s) returned	0.00056 sec / 0.000...

Query Completed

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

123  (5, 5, 'The Hobbit', '2023-06-30', 107),
124  (6, 6, 'War and Peace', '2023-07-15', 108),
125  (7, 7, 'To Kill a Mockingbird', '2023-07-05', 102),
126  (8, 8, 'Pride and Prejudice', '2023-07-15', 105);
127 • select * from ReturnStatus;
128
129 # 1. Retrieve the book title, category, and rental price of all available books.
130 • SELECT Book_title, Category, Rental_Price
131 FROM Books
132 WHERE Status = 'Yes';
133
134 # 2. List the employee names and their respective salaries in descending order of salary
135 • SELECT Emp_name, Salary

```

Object Info Session  
No object selected

100% 22:132

Result Grid Filter Rows: Search Export:

Book_t...	Category	Rental_Price
The Gr...	Fiction	30.00
To Kill...	Fiction	25.00
Moby...	Adventure	35.00
The C...	Fiction	22.00
The H...	Fantasy	40.00
History...	History	50.00

Books 25

Result Grid Form Editor Field Types

Read Only

Action Output

Time	Action	Response	Duration / Fetch Time
03:29:30	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee...	1 row(s) returned	0.00014 sec / 0.0000...
03:29:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Ibsn...	5 row(s) returned	0.00036 sec / 0.000...
03:35:42	select * from Branch LIMIT 0, 1000	8 row(s) returned	0.023 sec / 0.00032...
03:38:46	select * from Employee LIMIT 0, 1000	8 row(s) returned	0.00084 sec / 0.000...
03:39:17	select * from Books LIMIT 0, 1000	8 row(s) returned	0.00052 sec / 0.0000...
03:39:37	select * from Customer LIMIT 0, 1000	8 row(s) returned	0.00070 sec / 0.0000...
03:40:24	select * from IssueStatus LIMIT 0, 1000	8 row(s) returned	0.0019 sec / 0.00002...
03:40:53	select * from ReturnStatus LIMIT 0, 1000	8 row(s) returned	0.00056 sec / 0.000...
03:41:26	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 1000	6 row(s) returned	0.0014 sec / 0.0000...

Query Completed

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

133
134      # 2. List the employee names and their respective salaries in descending order of salary
135 •   SELECT Emp_name, Salary
136     FROM Employee
137     ORDER BY Salary DESC;
138
139      # 3. Retrieve the book titles and the corresponding customers who have issued those books
140
141 •   SELECT Books.Book_title, Customer.Customer_name
142     FROM IssueStatus
143     JOIN Books ON IssueStatus.Isbn_book = Books.ISBN
144     JOIN Customer ON IssueStatus.Issued_cust = Customer.Customer_Id;

```

Object Info Session  
No object selected

100% 22:137

Result Grid Filter Rows: Search Export:

Emp_name	Salary
David Green	70000.00
Alice Johnson	65000.00
John Doe	60000.00
Eva Blue	42000.00
Bob Brown	40000.00
Jane Smith	35000.00
Charlie White	30000.00
Frank Black	28000.00

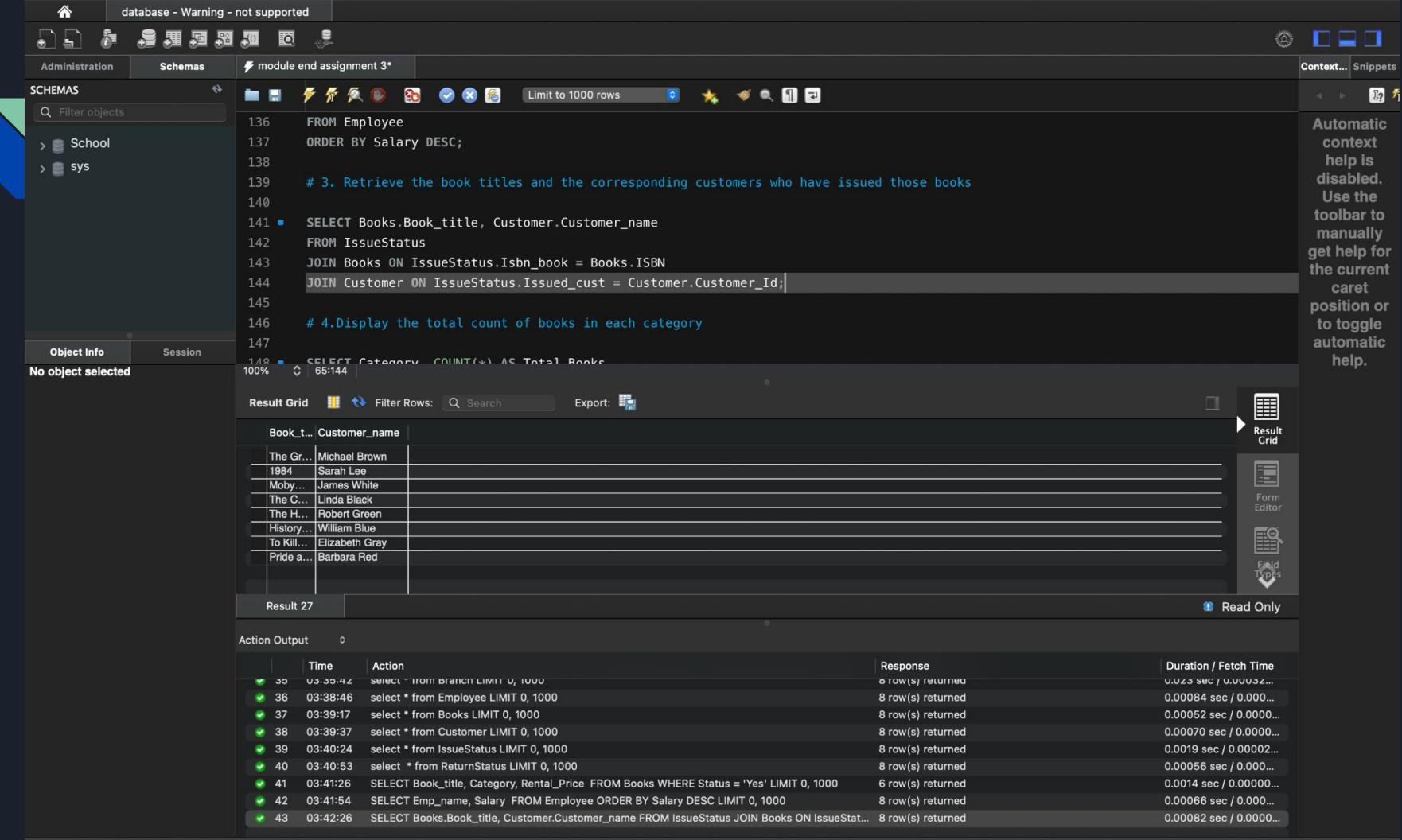
Employee 26 Read Only

Result Grid Form Editor Field Types

Action Output

Time	Action	Response	Duration / Fetch Time
03:29:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn_book = Books.ISBN	5 row(s) returned	0.00030 sec / 0.000...
03:35:42	select * from Branch LIMIT 0, 1000	8 row(s) returned	0.023 sec / 0.00032...
03:38:46	select * from Employee LIMIT 0, 1000	8 row(s) returned	0.00084 sec / 0.000...
03:39:17	select * from Books LIMIT 0, 1000	8 row(s) returned	0.00052 sec / 0.000...
03:39:37	select * from Customer LIMIT 0, 1000	8 row(s) returned	0.00070 sec / 0.000...
03:40:24	select * from IssueStatus LIMIT 0, 1000	8 row(s) returned	0.0019 sec / 0.00002...
03:40:53	select * from ReturnStatus LIMIT 0, 1000	8 row(s) returned	0.00056 sec / 0.000...
03:41:26	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 1000	6 row(s) returned	0.0014 sec / 0.00000...
03:41:54	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	8 row(s) returned	0.00066 sec / 0.000...

Query Completed



Query Completed

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

141 •   SELECT Books.Book_title, Customer.Customer_name
142     FROM IssueStatus
143     JOIN Books ON IssueStatus.Isbn_book = Books.ISBN
144     JOIN Customer ON IssueStatus.Issued_cust = Customer.Customer_Id;
145
146     # 4.Display the total count of books in each category
147
148 •   SELECT Category, COUNT(*) AS Total_Books
149     FROM Books
150     GROUP BY Category;
151
152     # 5. Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.

```

Object Info Session  
No object selected

100% 19:150

Result Grid Filter Rows: Search Export:

Category	Total_Books
Fiction	3
Dystopian	1
Adventure	1
Romance	1
Fantasy	1
History	1

Result 28 Read Only

Result Grid Form Editor Field Types

Action Output

Time	Action	Response	Duration / Fetch Time
03:30:40	select * from Employee LIMIT 0, 1000	0 row(s) returned	0.000264 Sec / 0.0000...
03:39:17	select * from Books LIMIT 0, 1000	8 row(s) returned	0.00052 sec / 0.0000...
03:39:37	select * from Customer LIMIT 0, 1000	8 row(s) returned	0.00070 sec / 0.0000...
03:40:24	select * from IssueStatus LIMIT 0, 1000	8 row(s) returned	0.0019 sec / 0.00002...
03:40:53	select * from ReturnStatus LIMIT 0, 1000	8 row(s) returned	0.00056 sec / 0.0000...
03:41:26	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 1000	6 row(s) returned	0.0014 sec / 0.00000...
03:41:54	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	8 row(s) returned	0.00066 sec / 0.0000...
03:42:26	SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStat...	8 row(s) returned	0.00082 sec / 0.0000...
03:42:53	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	6 row(s) returned	0.0025 sec / 0.00001...

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Query Completed

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

145
146    # 4.Display the total count of books in each category
147
148 •   SELECT Category, COUNT(*) AS Total_Books
149     FROM Books
150     GROUP BY Category;
151
152    # 5. Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.
153
154 •   SELECT Emp_name, Position
155     FROM Employee
156     WHERE Salary > 50000;

```

Object Info Session  
No object selected

100% 22:156

Result Grid Filter Rows: Search Export:

Emp_name	Position
John Doe	Manager
Alice Johnson	Manager
David Green	Manager

Employee 29 Read Only

Result Grid Form Editor Field Types

Action Output

	Time	Action	Response	Duration / Fetch Time
37	03:39:17	Select * from Books LIMIT 0, 1000	0 row(s) returned	0.00052 sec / 0.0000...
38	03:39:37	select * from Customer LIMIT 0, 1000	8 row(s) returned	0.00070 sec / 0.0000...
39	03:40:24	select * from IssueStatus LIMIT 0, 1000	8 row(s) returned	0.0019 sec / 0.00002...
40	03:40:53	select * from ReturnStatus LIMIT 0, 1000	8 row(s) returned	0.00056 sec / 0.0000...
41	03:41:26	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 1000	6 row(s) returned	0.0014 sec / 0.00000...
42	03:41:54	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	8 row(s) returned	0.00066 sec / 0.0000...
43	03:42:26	SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStat...	8 row(s) returned	0.00082 sec / 0.0000...
44	03:42:53	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	6 row(s) returned	0.0025 sec / 0.00001...
45	03:43:18	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	3 row(s) returned	0.0011 sec / 0.0000...

Query Completed

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

155    FROM Employee
156    WHERE Salary > 50000;
157
158    #6. List the customer names who registered before 2022-01-01 and have not issued any books yet.
159
160 •   SELECT Customer_name
161     FROM Customer
162     WHERE Reg_date < '2022-01-01'
163         AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
164
165    #7. Display the branch numbers and the total count of employees in each branch.
166
167 •   SELECT Branch_no COUNT(*) AS Total_Employees
  
```

100% 1:164

Object Info Session No object selected

Result Grid Filter Rows: Search Export:

Customer\_name

Customer 30

Read Only

Action Output

	Time	Action	Response	Duration / Fetch Time
38	03:39:37	select * from Customer LIMIT 0, 1000	0 row(s) returned	0.0000 sec / 0.00000
39	03:40:24	select * from IssueStatus LIMIT 0, 1000	8 row(s) returned	0.0019 sec / 0.00002...
40	03:40:53	select * from ReturnStatus LIMIT 0, 1000	8 row(s) returned	0.00056 sec / 0.000...
41	03:41:26	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 1000	6 row(s) returned	0.0014 sec / 0.00000...
42	03:41:54	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	8 row(s) returned	0.00066 sec / 0.000...
43	03:42:26	SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStat...	8 row(s) returned	0.00082 sec / 0.0000...
44	03:42:53	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	6 row(s) returned	0.0025 sec / 0.00001...
45	03:43:18	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	3 row(s) returned	0.0011 sec / 0.00000...
46	03:43:46	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id...	0 row(s) returned	0.0050 sec / 0.00000...

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

160 •   SELECT Customer_name
161     FROM Customer
162     WHERE Reg_date < '2022-01-01'
163         AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
164
165 #7. Display the branch numbers and the total count of employees in each branch.
166
167 •   SELECT Branch_no, COUNT(*) AS Total_Employees
168     FROM Employee
169     GROUP BY Branch_no;
170
171 #8. Display the names of customers who have issued books in the month of June 2023.
172

```

Object Info Session  
No object selected

Result Grid Filter Rows: Search Export:

Branch_no	Total_Employees
1	2
2	2
3	1
4	1
5	1
6	1

Result 31 Read Only

Result Grid Form Editor Field Types

Action Output

Time	Action	Response	Duration / Fetch Time
03:40:24	select * from IssueStatus LIMIT 0, 1000	0 row(s) returned	0.0019 sec / 0.00002...
03:40:53	select * from ReturnStatus LIMIT 0, 1000	8 row(s) returned	0.00056 sec / 0.000...
03:41:26	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 1000	6 row(s) returned	0.0014 sec / 0.0000...
03:41:54	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	8 row(s) returned	0.00066 sec / 0.000...
03:42:26	SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStat...	8 row(s) returned	0.00082 sec / 0.000...
03:42:53	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	6 row(s) returned	0.0025 sec / 0.00001...
03:43:18	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	3 row(s) returned	0.0011 sec / 0.0000...
03:43:46	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id...	0 row(s) returned	0.0050 sec / 0.0000...
03:44:12	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT ...	6 row(s) returned	0.0016 sec / 0.0000...

Query Completed

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

```

166
167 •   SELECT Branch_no, COUNT(*) AS Total_Employees
168     FROM Employee
169     GROUP BY Branch_no;
170
171 #8. Display the names of customers who have issued books in the month of June 2023.
172
173 •   SELECT Customer.Customer_name
174     FROM IssueStatus
175     JOIN Customer ON IssueStatus.Issued_cust = Customer.Customer_Id
176     WHERE Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
177
178 #0 Retrieve book title from book table containing history.

```

Object Info Session  
No object selected

Result Grid Filter Rows: Search Export:

Customer_name
Michael Brown
Sarah Lee
Linda Black
Elizabeth Gray

Result 32 Read Only

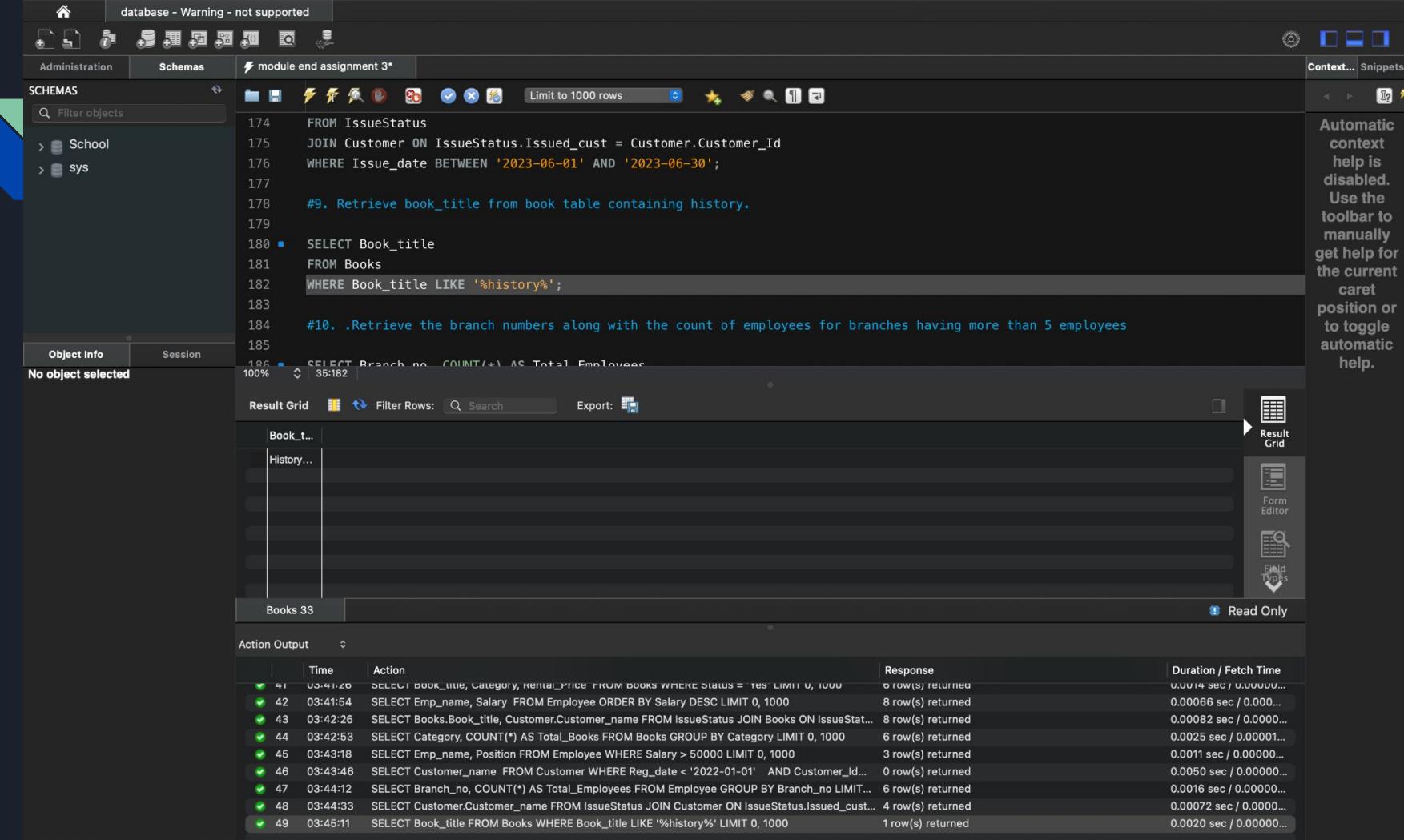
Result Grid Form Editor Field Types

Action Output

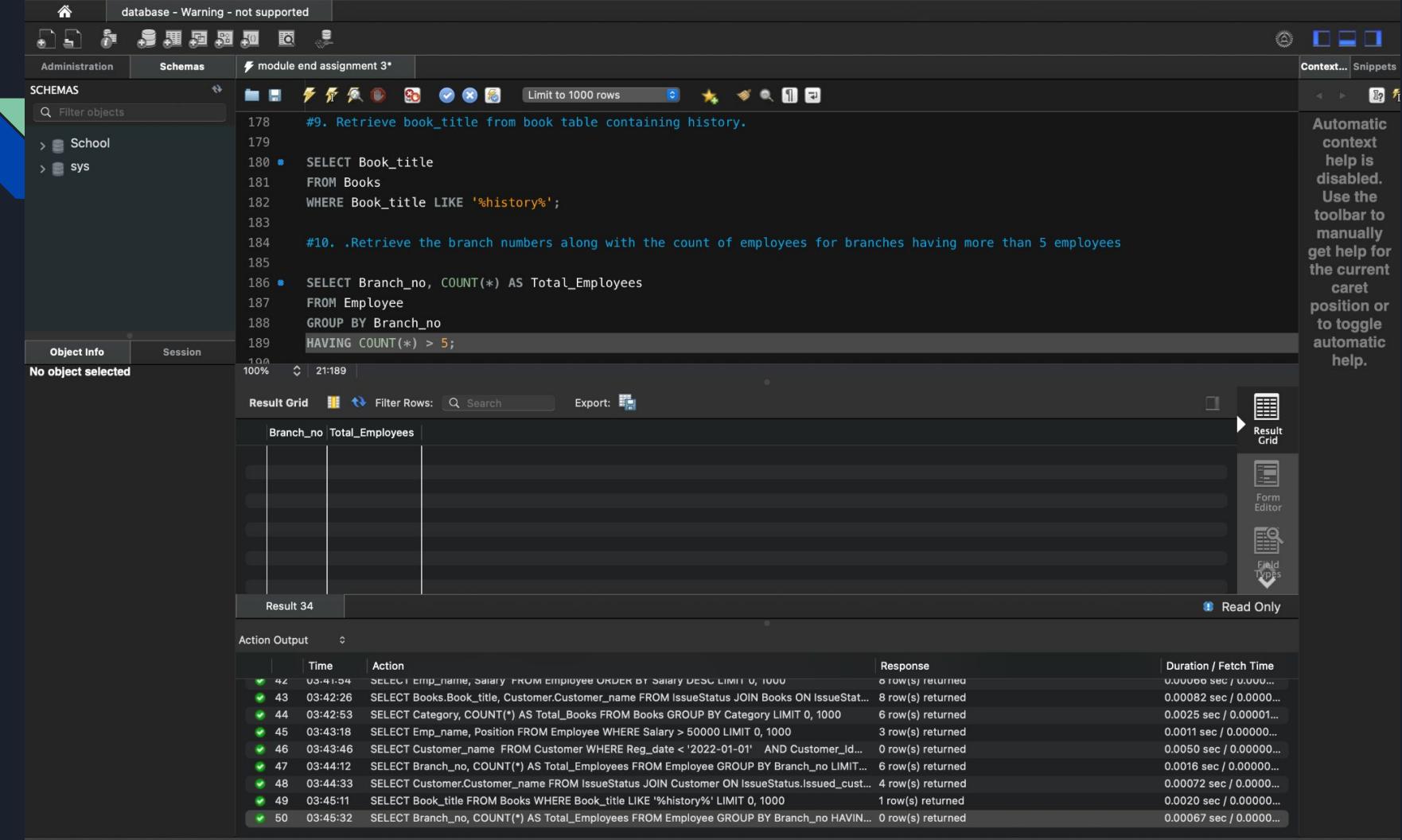
Time	Action	Response	Duration / Fetch Time
03:40:53	select * from ReturnStatus LIMIT 0, 1000	0 row(s) returned	0.00000 sec / 0.0000...
03:41:26	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 1000	6 row(s) returned	0.0014 sec / 0.0000...
03:41:54	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	8 row(s) returned	0.00066 sec / 0.0000...
03:42:26	SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStat...	8 row(s) returned	0.00082 sec / 0.0000...
03:42:53	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	6 row(s) returned	0.0025 sec / 0.00001...
03:43:18	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	3 row(s) returned	0.0011 sec / 0.00000...
03:43:46	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id...	0 row(s) returned	0.0050 sec / 0.00000...
03:44:12	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT...	6 row(s) returned	0.0016 sec / 0.00000...
03:44:33	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust...	4 row(s) returned	0.00072 sec / 0.0000...

Query Completed

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.



Query Completed



Query Completed

The screenshot shows the MySQL Workbench interface. The top navigation bar includes icons for Home, Database, Schemas, and Administration. The main area displays a query editor with the following SQL code:

```
184 #10. .Retrieve the branch numbers along with the count of employees for branches having more than 5 employees
185
186 • SELECT Branch_no, COUNT(*) AS Total_Employees
187   FROM Employee
188   GROUP BY Branch_no
189   HAVING COUNT(*) > 5;
190
191 # 11. Retrieve the names of employees who manage branches and their respective branch addresses
192
193 • SELECT Employee.Emp_name, Branch.Branch_address
194   FROM Employee
195   JOIN Branch ON Employee.Emp_Id = Branch.Manager_Id;
```

The results grid shows one row of data:

Emp_name	Branch_address
John Doe	Sunset Blvd, City H

The bottom section shows the Action History:

Time	Action	Response	Duration / Fetch Time
03:42:20	SELECT BOOKS.BOOK_title, Customer.CUSTOMER_name FROM ISSUESTATUS JOIN BOOKS ON ISSUESTATUS.ISSUED_BOOK_id = BOOKS.BOOK_id WHERE ISSUESTATUS.ISSUED_CUSTOMER_id = Customer.CUSTOMER_id	8 row(s) returned	0.00062 sec / 0.0000...
03:42:53	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	6 row(s) returned	0.0025 sec / 0.00001...
03:43:18	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	3 row(s) returned	0.0011 sec / 0.00000...
03:43:46	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_id > 1000	0 row(s) returned	0.0050 sec / 0.00000...
03:44:12	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	6 row(s) returned	0.0016 sec / 0.00000...
03:44:33	SELECT Customer.CUSTOMER_name FROM ISSUESTATUS JOIN Customer ON ISSUESTATUS.ISSUED_CUSTOMER_id = Customer.CUSTOMER_id	4 row(s) returned	0.00072 sec / 0.0000...
03:45:11	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	1 row(s) returned	0.00020 sec / 0.00000...
03:45:32	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 5	0 row(s) returned	0.00067 sec / 0.0000...
03:46:03	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee.BRANCH_id = Branch.BRANCH_id	1 row(s) returned	0.00074 sec / 0.0000...

database - Warning - not supported

Administration Schemas module end assignment 3\* Context... Snippets

SCHEMAS Filter objects

> School  
> sys

Object Info Session No object selected

```

192
193 • SELECT Employee.Emp_name, Branch.Branch_address
194   FROM Employee
195   JOIN Branch ON Employee.Emp_Id = Branch.Manager_Id;
196
197 #12. Display the names of customers who have issued books with a rental price higher than Rs. 25. Score Distribution
198
199 • SELECT DISTINCT Customer.Customer_name
200   FROM IssueStatus
201   JOIN Books ON IssueStatus.Issn_book = Books.ISBN
202   JOIN Customer ON IssueStatus.Issued_cust = Customer.Customer_Id
203   WHERE Books.Rental_Price > 25;

```

100% 31:203

Result Grid Filter Rows: Search Export:

Customer_name
Michael Brown
James White
Barbara Red
Robert Green
William Blue

Result 36 Read Only

Result Grid Form Editor Field Types

Action Output

Time	Action	Response	Duration / Fetch Time
03:42:53	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.002 sec / 0.00001...
03:43:18	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	3 row(s) returned	0.001 sec / 0.00000...
03:43:46	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id...	0 row(s) returned	0.0005 sec / 0.00000...
03:44:12	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT ...	6 row(s) returned	0.0016 sec / 0.00000...
03:44:33	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust...	4 row(s) returned	0.00072 sec / 0.00000...
03:45:11	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	1 row(s) returned	0.0020 sec / 0.00000...
03:45:32	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING...	0 row(s) returned	0.00067 sec / 0.00000...
03:46:03	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee...	1 row(s) returned	0.00074 sec / 0.00000...
03:46:30	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Issn...	5 row(s) returned	0.0010 sec / 0.00000...

Query Completed



END