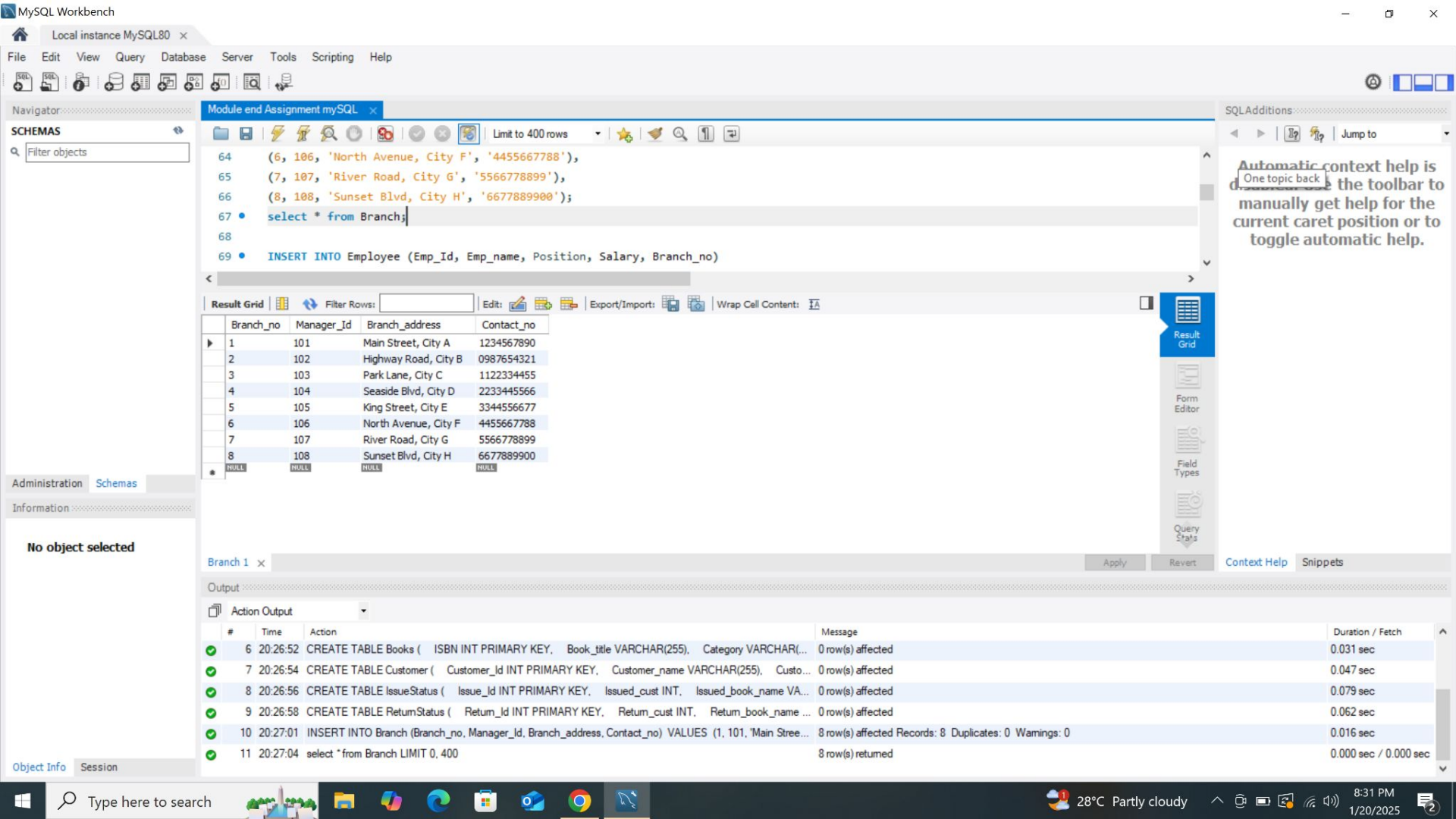
Results of ‘Library management system ’ project


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
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
69 INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no)
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
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
Result Grid
Form Editor
Field Types
Query Stats
Branch 1
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
One topic back
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
6 20:26:52 CREATE TABLE Books (ISBN INT PRIMARY KEY, Book_title VARCHAR(255), Category VARCHAR(... 0 row(s) affected 0.031 sec
7 20:26:54 CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(255), Custo... 0 row(s) affected 0.047 sec
8 20:26:56 CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VA... 0 row(s) affected 0.079 sec
9 20:26:58 CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name ... 0 row(s) affected 0.062 sec
10 20:27:01 INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no) VALUES (1, 101, 'Main Stree... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.016 sec
11 20:27:04 select * from Branch LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
Type here to search
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8:31 PM
1/20/2025

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Module end Assignment mySQL

Limit to 400 rows

```
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;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

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
NULL	NULL	NULL	NULL	NULL

Result Grid | Form Editor | Field Types | Query Stats

Employee 2

Apply | Revert

SQLAdditions

Jump to

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

Context Help | Snippets

Administration | Schemas

Information

No object selected

Object Info | Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	20:26:56	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VA...	0 row(s) affected	0.079 sec
9	20:26:58	CREATE TABLE RetumStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name ...	0 row(s) affected	0.062 sec
10	20:27:01	INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no) VALUES (1, 101, 'Main Stree...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.016 sec
11	20:27:04	select * from Branch LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec
12	20:31:48	INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (108, 'John Doe', 'Man...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.015 sec
13	20:31:50	select * from Employee LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec

Type here to search

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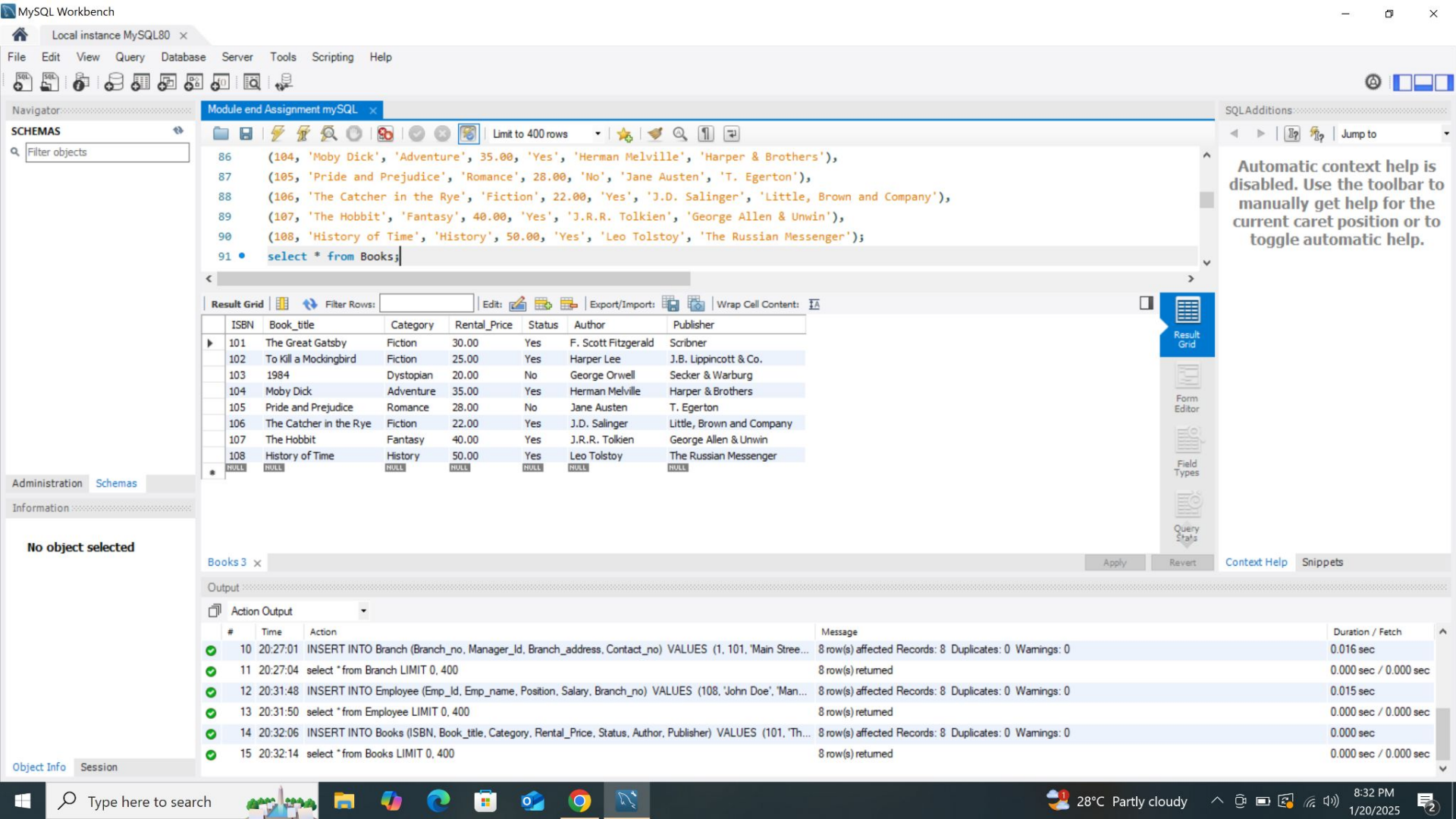
8:31 PM 1/20/2025


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
(104, 'Moby Dick', 'Adventure', 35.00, 'Yes', 'Herman Melville', 'Harper & Brothers'),
(105, 'Pride and Prejudice', 'Romance', 28.00, 'No', 'Jane Austen', 'T. Egerton'),
(106, 'The Catcher in the Rye', 'Fiction', 22.00, 'Yes', 'J.D. Salinger', 'Little, Brown and Company'),
(107, 'The Hobbit', 'Fantasy', 40.00, 'Yes', 'J.R.R. Tolkien', 'George Allen & Unwin'),
(108, 'History of Time', 'History', 50.00, 'Yes', 'Leo Tolstoy', 'The Russian Messenger');
select * from Books;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
ISBN Book_title Category Rental_Price Status Author Publisher
101 The Great Gatsby Fiction 30.00 Yes F. Scott Fitzgerald Scribner
102 To Kill a Mockingbird Fiction 25.00 Yes Harper Lee J.B. Lippincott & Co.
103 1984 Dystopian 20.00 No George Orwell Secker & Warburg
104 Moby Dick Adventure 35.00 Yes Herman Melville Harper & Brothers
105 Pride and Prejudice Romance 28.00 No Jane Austen T. Egerton
106 The Catcher in the Rye Fiction 22.00 Yes J.D. Salinger Little, Brown and Company
107 The Hobbit Fantasy 40.00 Yes J.R.R. Tolkien George Allen & Unwin
108 History of Time History 50.00 Yes Leo Tolstoy The Russian Messenger
Result Grid
Form Editor
Field Types
Query Stats
Books 3
Apply
Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
10 20:27:01 INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no) VALUES (1, 101, 'Main Stree... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.016 sec
11 20:27:04 select * from Branch LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
12 20:31:48 INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (108, 'John Doe', 'Man... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.015 sec
13 20:31:50 select * from Employee LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
14 20:32:06 INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES (101, 'Th... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.000 sec
15 20:32:14 select * from Books LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
Type here to search
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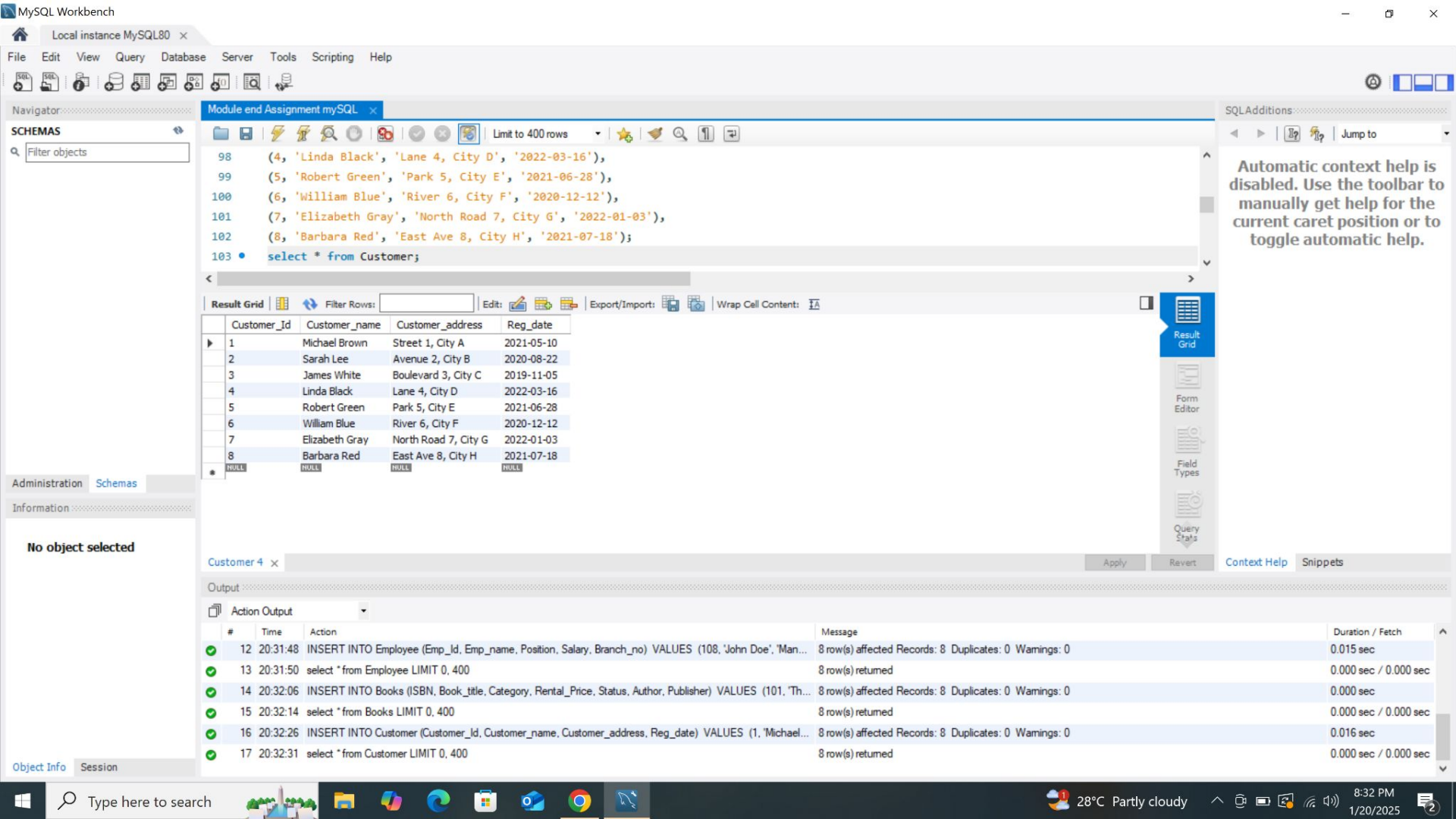
1/20/2025


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
98 (4, 'Linda Black', 'Lane 4, City D', '2022-03-16'),
99 (5, 'Robert Green', 'Park 5, City E', '2021-06-28'),
100 (6, 'William Blue', 'River 6, City F', '2020-12-12'),
101 (7, 'Elizabeth Gray', 'North Road 7, City G', '2022-01-03'),
102 (8, 'Barbara Red', 'East Ave 8, City H', '2021-07-18');
103 select * from Customer;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
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
Result Grid
Form Editor
Field Types
Query Stats
Customer 4
Apply
Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
12 20:31:48 INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (108, 'John Doe', 'Man... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.015 sec
13 20:31:50 select * from Employee LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
14 20:32:06 INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES (101, 'Th... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.000 sec
15 20:32:14 select * from Books LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
16 20:32:26 INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'Michael... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.016 sec
17 20:32:31 select * from Customer LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
Type here to search
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1/20/2025

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Module end Assignment mySQL

Limit to 400 rows

```
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;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

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
NULL	NULL	NULL	NULL	NULL

Result Grid | Form Editor | Field Types | Query Stats

IssueStatus 5

Apply | Revert

SQLAdditions

Jump to

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

Context Help | Snippets

Administration | Schemas

Information

No object selected

Object Info | Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	20:32:06	INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES (101, 'Th...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
15	20:32:14	select * from Books LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec
16	20:32:26	INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'Michael...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.016 sec
17	20:32:31	select * from Customer LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec
18	20:32:41	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, Isbn_book) VALUES (1, ...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
19	20:32:43	select * from IssueStatus LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec

Type here to search

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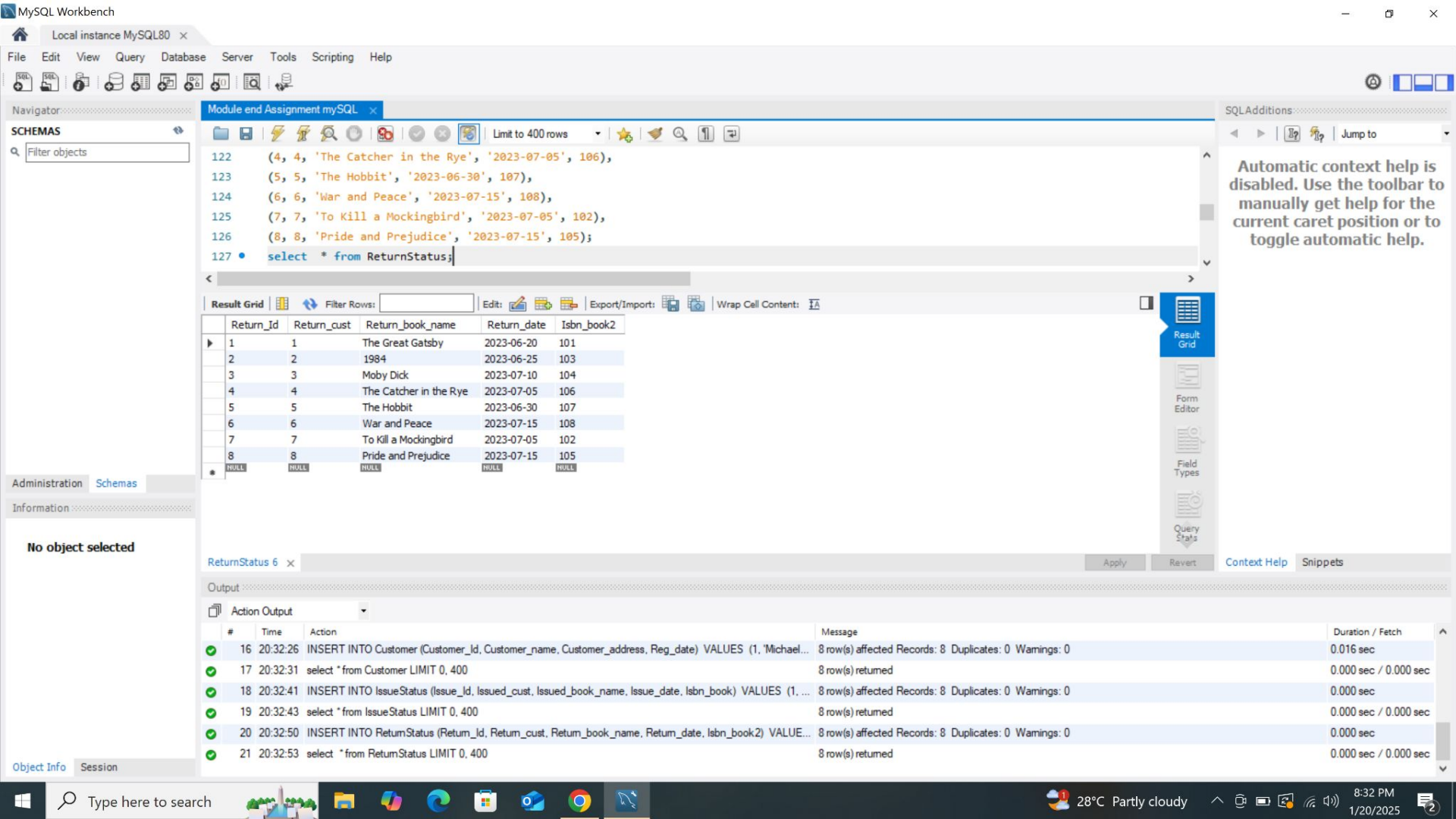
MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
122 (4, 4, 'The Catcher in the Rye', '2023-07-05', 106),
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;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
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
NULL NULL NULL NULL NULL
Result Grid
Form Editor
Field Types
Query Stats
ReturnStatus 6
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
16 20:32:26 INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'Michael... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.016 sec
17 20:32:31 select * from Customer LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
18 20:32:41 INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, Isbn_book) VALUES (1, ... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.000 sec
19 20:32:43 select * from IssueStatus LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
20 20:32:50 INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Isbn_book2) VALUE... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.000 sec
21 20:32:53 select * from ReturnStatus LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
Type here to search
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1/20/2025

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Module end Assignment mySQL

Limit to 400 rows

```
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';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Book_title	Category	Rental_Price
The Great Gatsby	Fiction	30.00
To Kill a Mockingbird	Fiction	25.00
Moby Dick	Adventure	35.00
The Catcher in the Rye	Fiction	22.00
The Hobbit	Fantasy	40.00
History of Time	History	50.00

Result Grid | Form Editor | Field Types | Query Stats

Books 7

Read Only

SQLAdditions

Jump to

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

Context Help | Snippets

Administration | Schemas

Information

No object selected

Object Info | Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
17	20:32:31	select * from Customer LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec
18	20:32:41	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, Isbn_book) VALUES (1, ...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
19	20:32:43	select * from IssueStatus LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec
20	20:32:50	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Isbn_book2) VALUE...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
21	20:32:53	select * from ReturnStatus LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec
22	20:32:59	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 400	6 row(s) returned	0.000 sec / 0.000 sec

Type here to search

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8:33 PM
1/20/2025

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Module end Assignment mySQL

Limit to 400 rows

```
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
136    FROM Employee
137    ORDER BY Salary DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

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

Result Grid | Form Editor | Field Types | Query Stats

Employee 8

Read Only

SQLAdditions

Jump to

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

Context Help | Snippets

Administration | Schemas

Information

No object selected

Object Info | Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
18	20:32:41	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, Isbn_book) VALUES (1, ...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
19	20:32:43	select * from IssueStatus LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec
20	20:32:50	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Isbn_book2) VALUE...	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.000 sec
21	20:32:53	select * from ReturnStatus LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec
22	20:32:59	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 400	6 row(s) returned	0.000 sec / 0.000 sec
23	20:33:07	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 400	8 row(s) returned	0.000 sec / 0.000 sec

Type here to search

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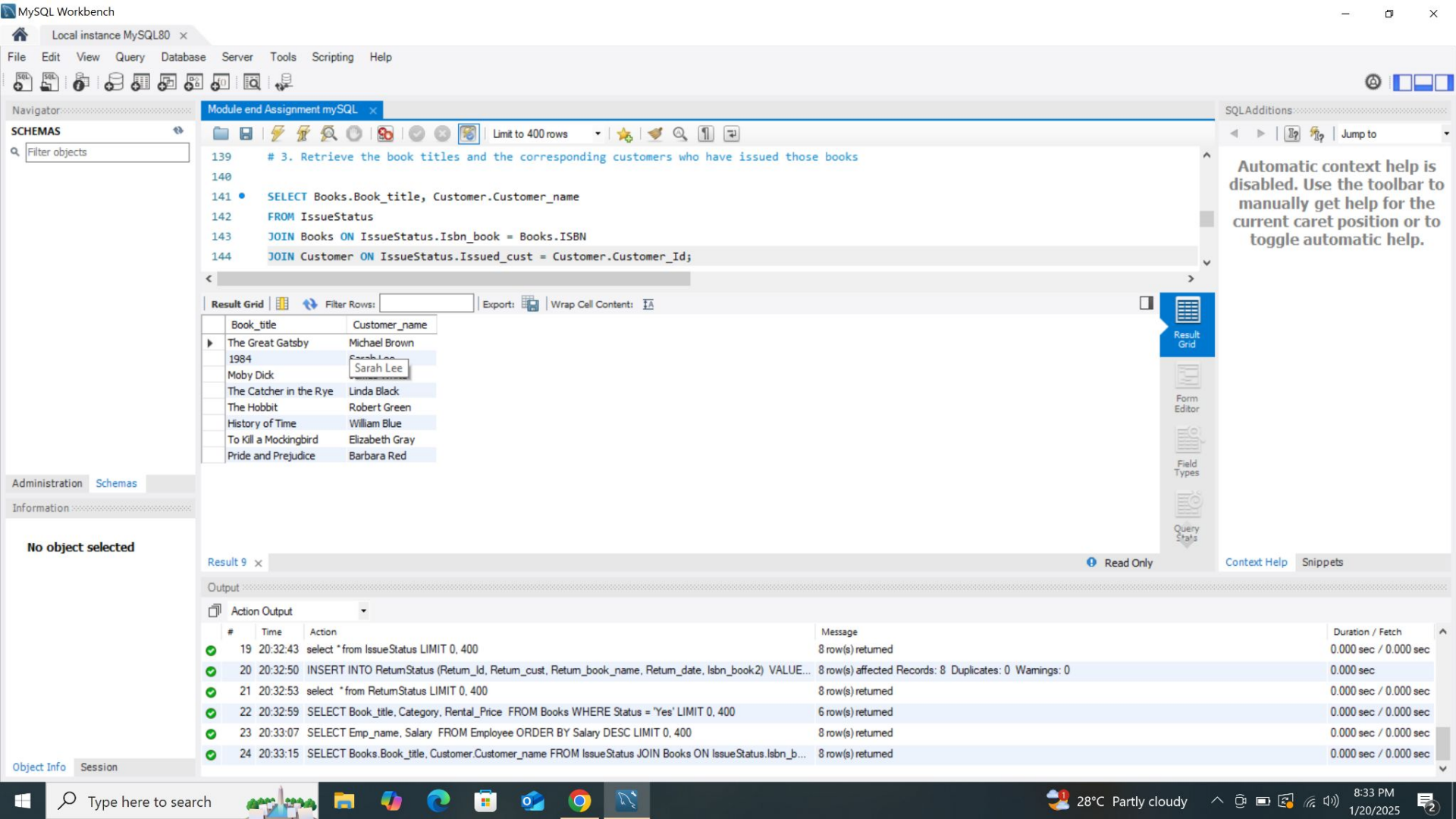
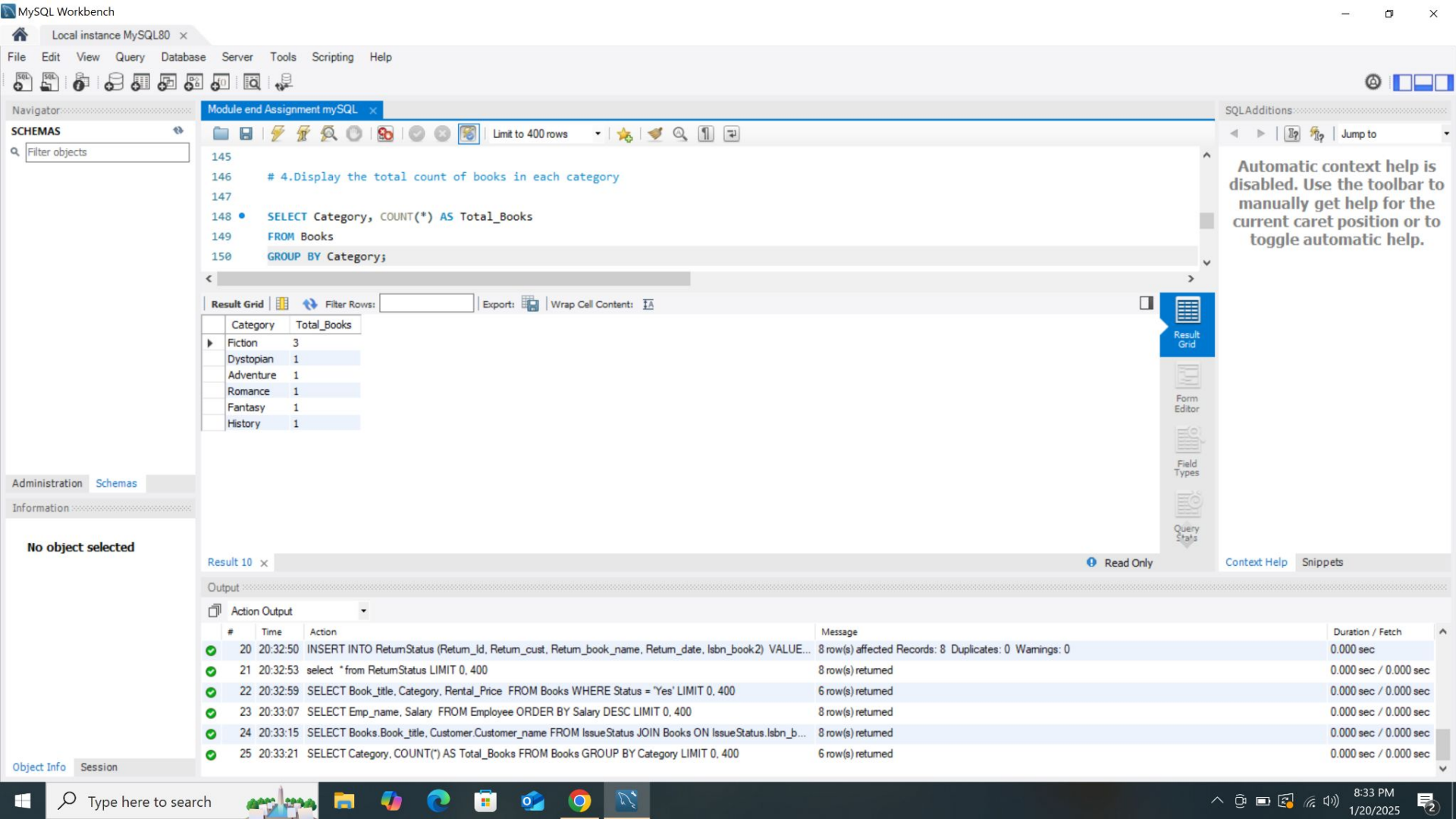
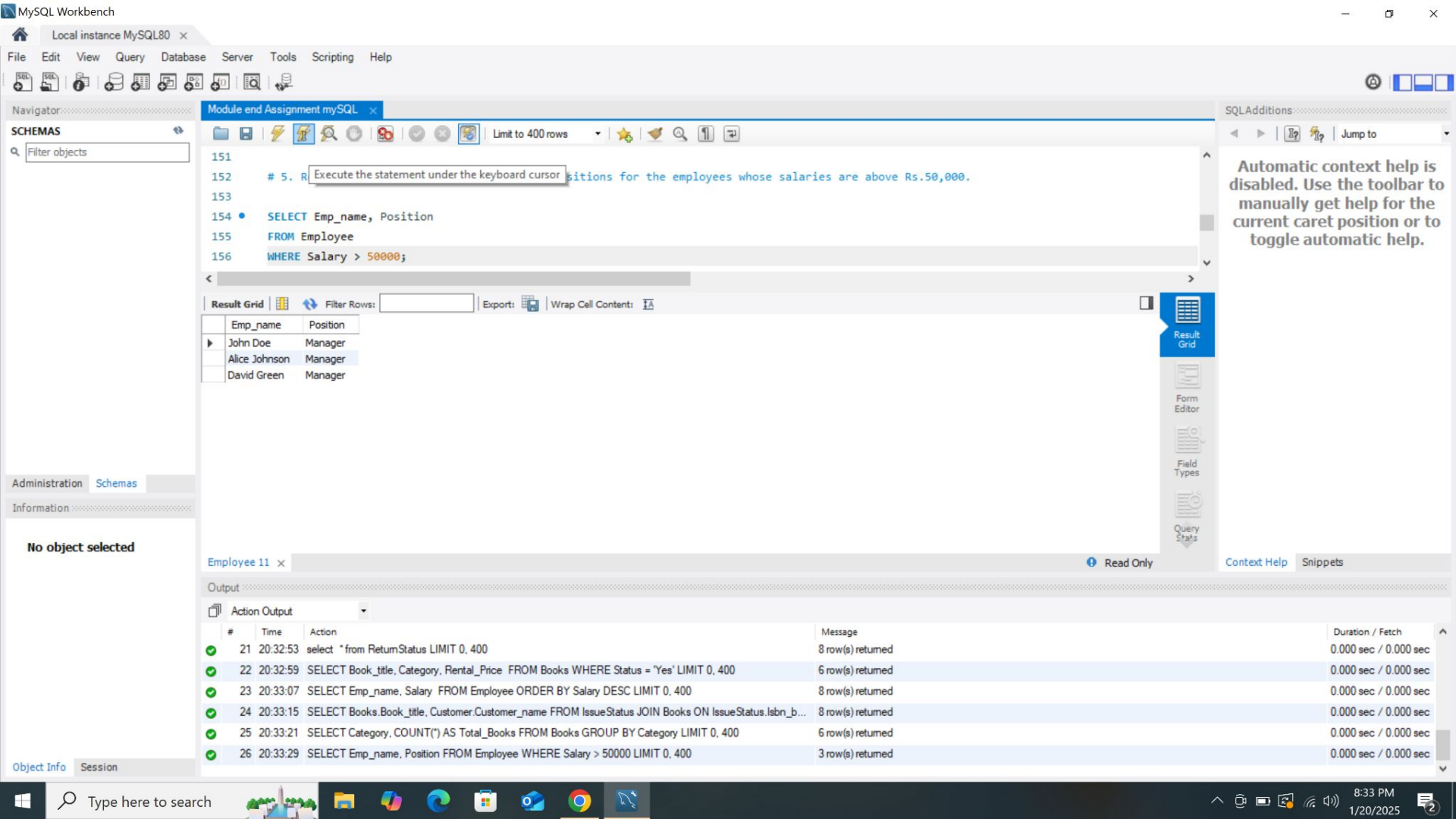
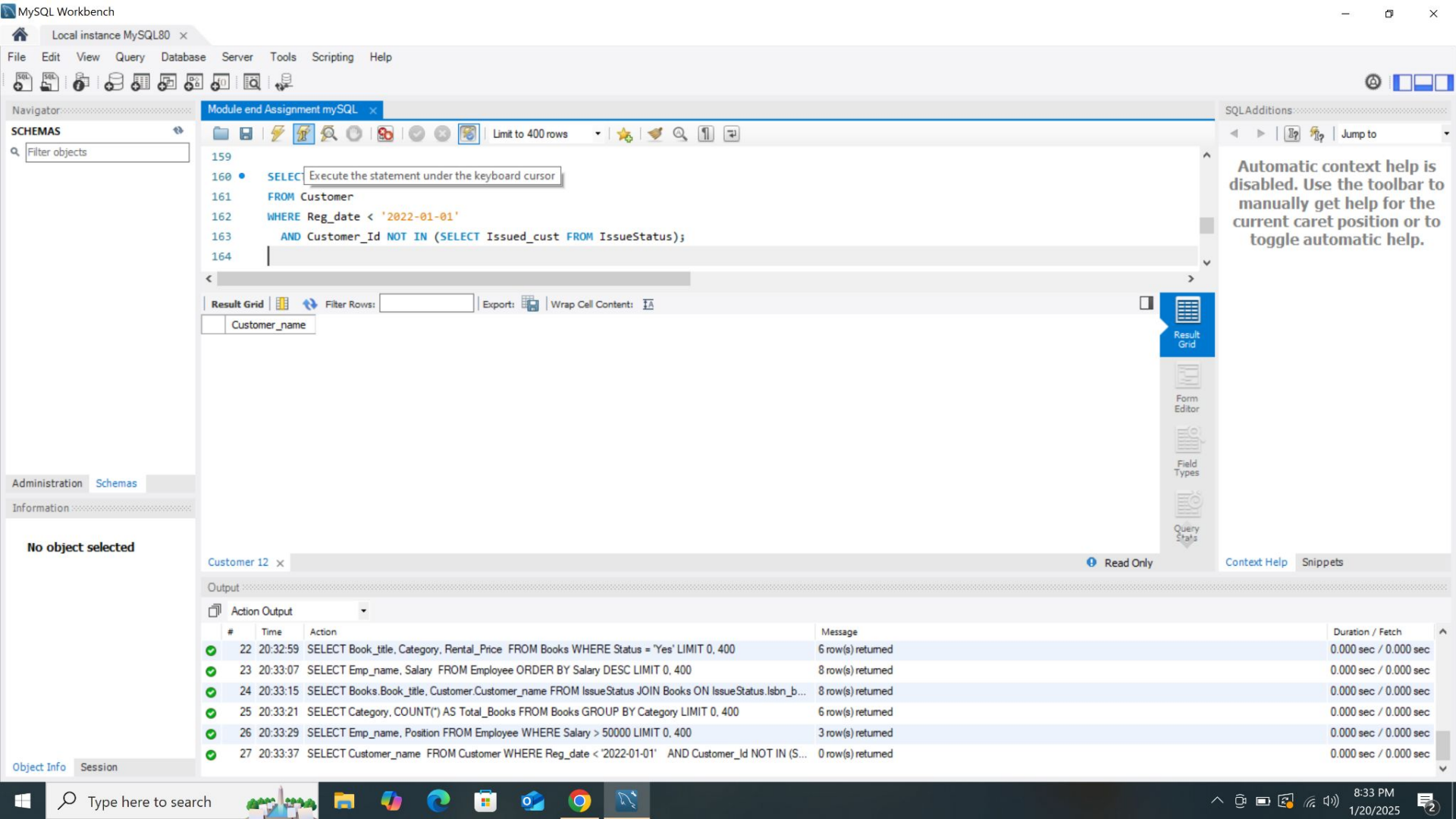
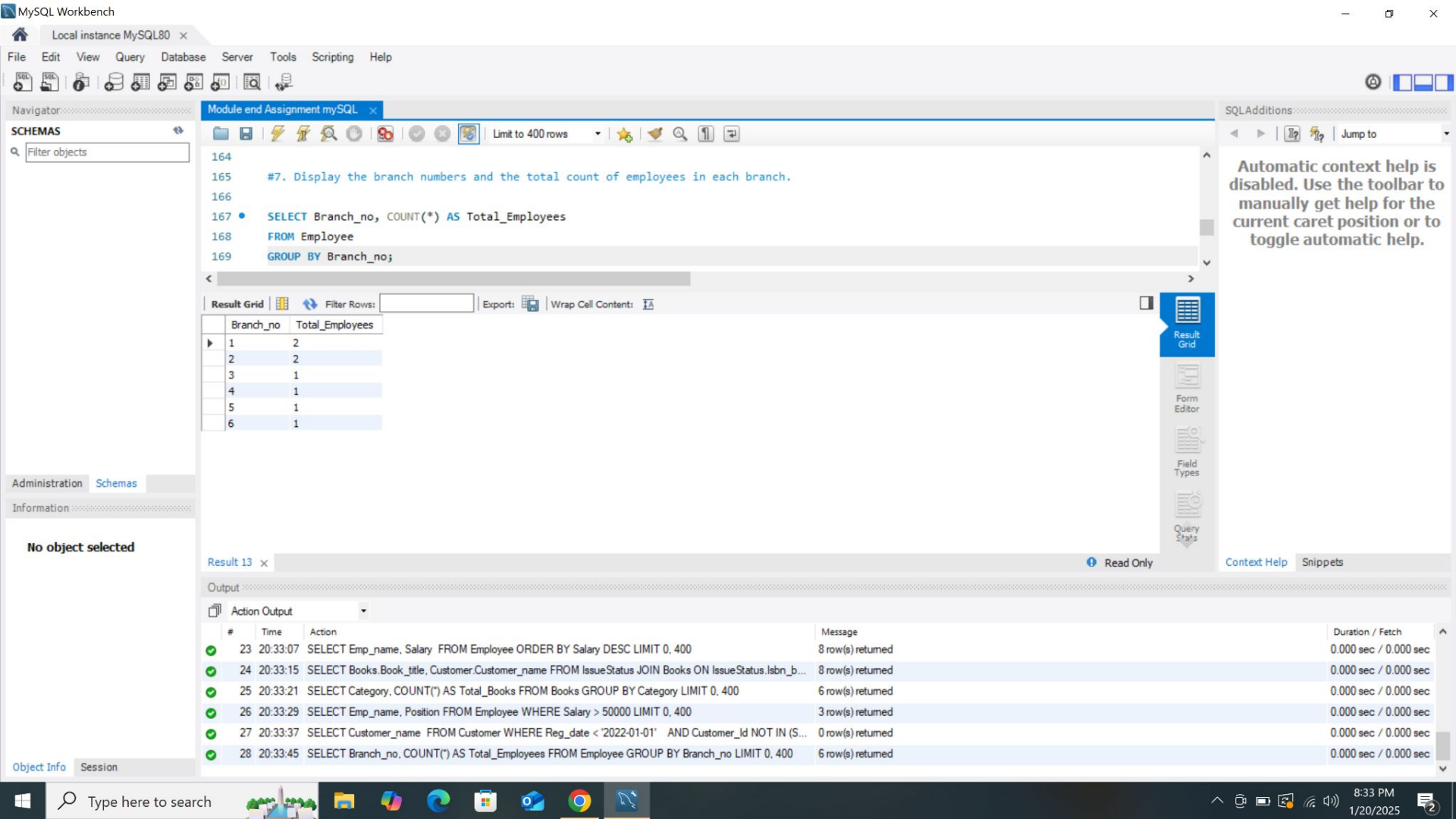
8:33 PM
1/20/2025

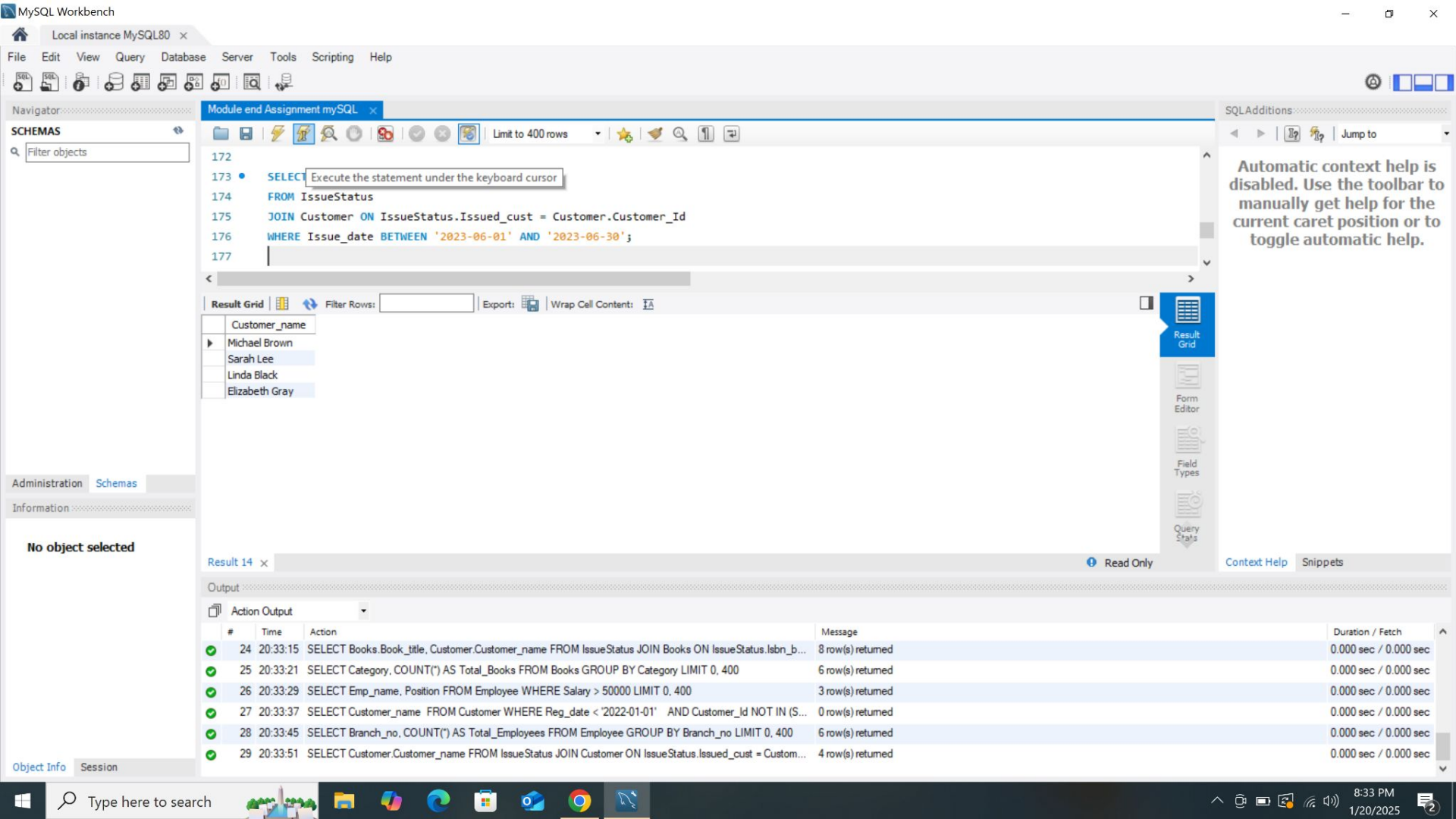

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
139 # 3. Retrieve the book titles and the corresponding 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;
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Book_title | Customer_name
The Great Gatsby | Michael Brown
1984 | Sarah Lee
Moby Dick
The Catcher in the Rye | Linda Black
The Hobbit | Robert Green
History of Time | William Blue
To Kill a Mockingbird | Elizabeth Gray
Pride and Prejudice | Barbara Red
Result Grid
Form Editor
Field Types
Query Stats
Result 9
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
19 20:32:43 select * from IssueStatus LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
20 20:32:50 INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Isbn_book2) VALUE... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.000 sec
21 20:32:53 select * from ReturnStatus LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
22 20:32:59 SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
23 20:33:07 SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
24 20:33:15 SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn_b... 8 row(s) returned 0.000 sec / 0.000 sec
Type here to search
28°C Partly cloudy
8:33 PM
1/20/2025

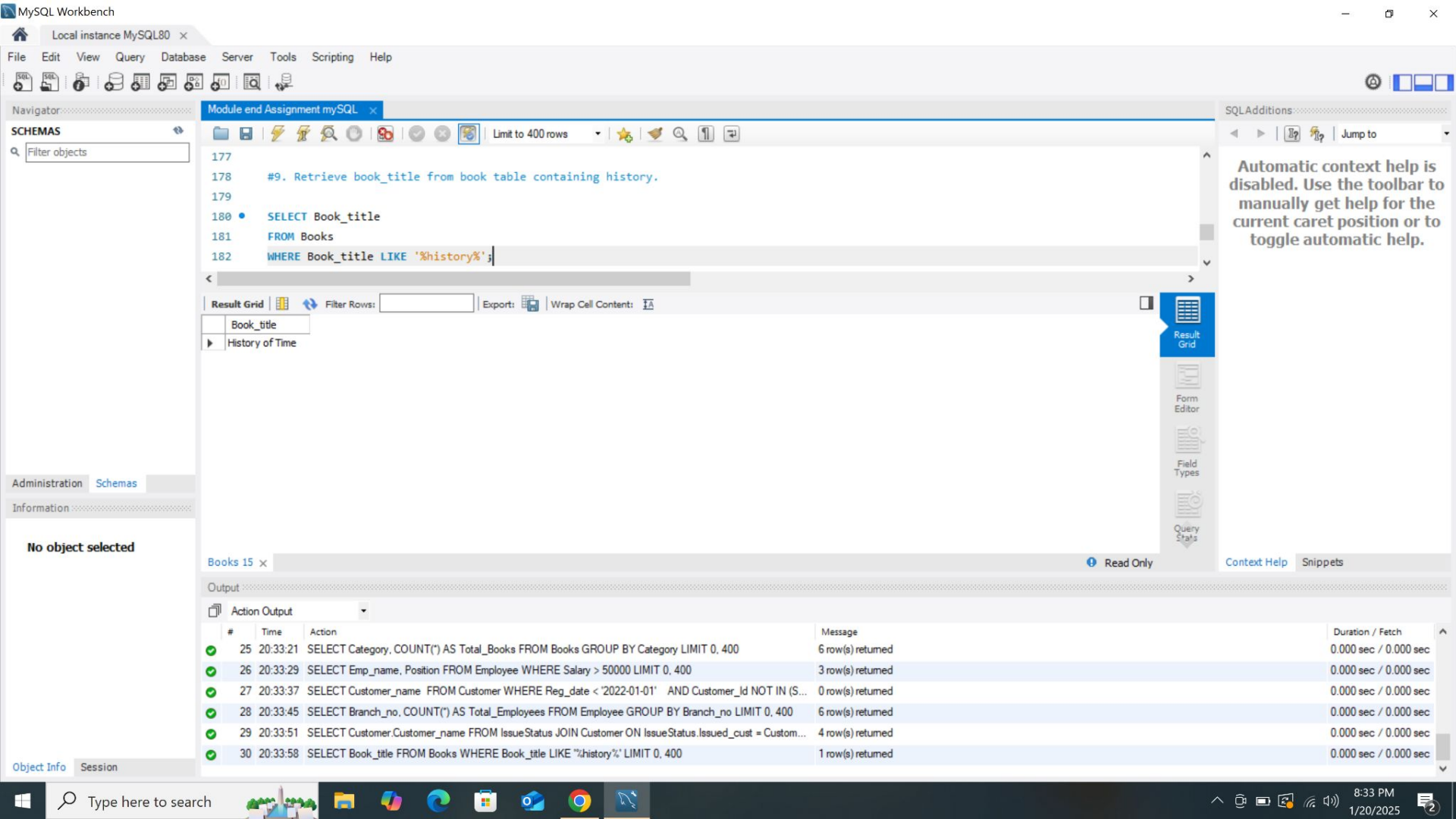

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
145
146 # 4.Display the total count of books in each category
147
148 SELECT Category, COUNT(*) AS Total_Books
149 FROM Books
150 GROUP BY Category;
Result Grid Filter Rows: Export: Wrap Cell Content:
Category Total_Books
Fiction 3
Dystopian 1
Adventure 1
Romance 1
Fantasy 1
History 1
Result Grid
Form Editor
Field Types
Query Stats
Result 10
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
20 20:32:50 INSERT INTO RetumStatus (Retum_Id, Retum_cust, Retum_book_name, Retum_date, Isbn_book2) VALUE... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0 0.000 sec
21 20:32:53 select * from RetumStatus LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
22 20:32:59 SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
23 20:33:07 SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
24 20:33:15 SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn_b... 8 row(s) returned 0.000 sec / 0.000 sec
25 20:33:21 SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
Type here to search
8:33 PM
1/20/2025


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
151
152 # 5. R Execute the statement under the keyboard cursor sitions for the employees whose salaries are above Rs.50,000.
153
154 SELECT Emp_name, Position
155 FROM Employee
156 WHERE Salary > 50000;
Result Grid Filter Rows: Export: Wrap Cell Content:
Emp_name Position
John Doe Manager
Alice Johnson Manager
David Green Manager
Result Grid
Form Editor
Field Types
Query Stats
Employee 11
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
21 20:32:53 select * from ReturnStatus LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
22 20:32:59 SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
23 20:33:07 SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
24 20:33:15 SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn_b... 8 row(s) returned 0.000 sec / 0.000 sec
25 20:33:21 SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
26 20:33:29 SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 400 3 row(s) returned 0.000 sec / 0.000 sec
Type here to search
8:33 PM
1/20/2025


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
159
160 SELEC
Execute the statement under the keyboard cursor
161 FROM Customer
162 WHERE Reg_date < '2022-01-01'
163 AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
164
Result Grid Filter Rows: Export: Wrap Cell Content:
Customer_name
Result Grid
Form Editor
Field Types
Query Stats
Customer 12
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
22 20:32:59 SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'Yes' LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
23 20:33:07 SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
24 20:33:15 SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn_b... 8 row(s) returned 0.000 sec / 0.000 sec
25 20:33:21 SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
26 20:33:29 SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 400 3 row(s) returned 0.000 sec / 0.000 sec
27 20:33:37 SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id NOT IN (S... 0 row(s) returned 0.000 sec / 0.000 sec
Type here to search
8:33 PM
1/20/2025


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
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;
Result Grid Filter Rows: Export: Wrap Cell Content:
Branch_no Total_Employees
1 2
2 2
3 1
4 1
5 1
6 1
Result Grid
Form Editor
Field Types
Query Stats
Result 13
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
23 20:33:07 SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 400 8 row(s) returned 0.000 sec / 0.000 sec
24 20:33:15 SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn_b... 8 row(s) returned 0.000 sec / 0.000 sec
25 20:33:21 SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
26 20:33:29 SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 400 3 row(s) returned 0.000 sec / 0.000 sec
27 20:33:37 SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id NOT IN (S... 0 row(s) returned 0.000 sec / 0.000 sec
28 20:33:45 SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
Type here to search
8:33 PM
1/20/2025


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
172
173 SELECT
Execute the statement under the keyboard cursor
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
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Customer_name
Michael Brown
Sarah Lee
Linda Black
Elizabeth Gray
Result Grid
Form Editor
Field Types
Query Stats
Result 14
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
24 20:33:15 SELECT Books.Book_title, Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn_b... 8 row(s) returned 0.000 sec / 0.000 sec
25 20:33:21 SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
26 20:33:29 SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 400 3 row(s) returned 0.000 sec / 0.000 sec
27 20:33:37 SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id NOT IN (S... 0 row(s) returned 0.000 sec / 0.000 sec
28 20:33:45 SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
29 20:33:51 SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust = Custom... 4 row(s) returned 0.000 sec / 0.000 sec
Type here to search
8:33 PM
1/20/2025


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
Module end Assignment mySQL
Limit to 400 rows
177
178 #9. Retrieve book_title from book table containing history.
179
180 SELECT Book_title
181 FROM Books
182 WHERE Book_title LIKE '%history%';
Result Grid Filter Rows: Export: Wrap Cell Content:
Book_title
History of Time
Result Grid
Form Editor
Field Types
Query Stats
Books 15
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
25 20:33:21 SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
26 20:33:29 SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 400 3 row(s) returned 0.000 sec / 0.000 sec
27 20:33:37 SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id NOT IN (S... 0 row(s) returned 0.000 sec / 0.000 sec
28 20:33:45 SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 400 6 row(s) returned 0.000 sec / 0.000 sec
29 20:33:51 SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust = Custom... 4 row(s) returned 0.000 sec / 0.000 sec
30 20:33:58 SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 400 1 row(s) returned 0.000 sec / 0.000 sec
Type here to search
8:33 PM
1/20/2025

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Module end Assignment mySQL

Limit to 400 rows

```
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;
```

Rollback the current transaction.
NOTE: all query tabs in the same connection share the same transaction. To have independent transactions, you must open a new connection.

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Branch_no	Total_Employees

Result Grid
Form Editor
Field Types
Query Stats

Result 16

Read Only

SQLAdditions

Jump to

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

Context Help | Snippets

Administration | Schemas

Information

No object selected

Object Info | Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
26	20:33:29	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 400	3 row(s) returned	0.000 sec / 0.000 sec
27	20:33:37	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id NOT IN (S...	0 row(s) returned	0.000 sec / 0.000 sec
28	20:33:45	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 400	6 row(s) returned	0.000 sec / 0.000 sec
29	20:33:51	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust = Custom...	4 row(s) returned	0.000 sec / 0.000 sec
30	20:33:58	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 400	1 row(s) returned	0.000 sec / 0.000 sec
31	20:34:04	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COU...	0 row(s) returned	0.000 sec / 0.000 sec

Type here to search

28°C Partly cloudy

8:34 PM
1/20/2025

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Module end Assignment mySQL

Limit to 400 rows

```
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;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Emp_name	Branch_address
John Doe	Sunset Blvd, City H

Result Grid

Form Editor

Field Types

Query Stats

Result 17

Read Only

SQLAdditions

Jump to

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

Context Help Snippets

Administration Schemas

Information

No object selected

Object Info Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
27	20:33:37	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Customer_Id NOT IN (S...	0 row(s) returned	0.000 sec / 0.000 sec
28	20:33:45	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 400	6 row(s) returned	0.000 sec / 0.000 sec
29	20:33:51	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust = Custom...	4 row(s) returned	0.000 sec / 0.000 sec
30	20:33:58	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 400	1 row(s) returned	0.000 sec / 0.000 sec
31	20:34:04	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COU...	0 row(s) returned	0.000 sec / 0.000 sec
32	20:34:14	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee.Emp_Id...	1 row(s) returned	0.000 sec / 0.000 sec

Type here to search

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8:34 PM 1/20/2025

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Module end Assignment mySQL

Limit to 400 rows

```
198
199 •  SELECT DISTINCT Customer.Customer_name
200    FROM IssueStatus
201    JOIN Books ON IssueStatus.Isbn_book = Books.ISBN
202    JOIN Customer ON IssueStatus.Issued_cust = Customer.Customer_Id
203    WHERE Books.Rental_Price > 25;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Customer_name
Michael Brown
James White
Barbara Red
Robert Green
William Blue

Result Grid | Form Editor | Field Types | Query Stats

Result 18

Read Only

SQLAdditions

Jump to

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

Context Help | Snippets

Administration | Schemas

Information

No object selected

Object Info | Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
28	20:33:45	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 400	6 row(s) returned	0.000 sec / 0.000 sec
29	20:33:51	SELECT Customer.Customer_name FROM IssueStatus JOIN Customer ON IssueStatus.Issued_cust = Custom...	4 row(s) returned	0.000 sec / 0.000 sec
30	20:33:58	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 400	1 row(s) returned	0.000 sec / 0.000 sec
31	20:34:04	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COU...	0 row(s) returned	0.000 sec / 0.000 sec
32	20:34:14	SELECT Employee.Emp_name, Branch.Branch_address FROM Employee JOIN Branch ON Employee.Emp_Id...	1 row(s) returned	0.000 sec / 0.000 sec
33	20:34:21	SELECT DISTINCT Customer.Customer_name FROM IssueStatus JOIN Books ON IssueStatus.Isbn_book = B...	5 row(s) returned	0.000 sec / 0.000 sec

Type here to search

28°C Partly cloudy

8:34 PM
1/20/2025