

MySQL Workbench

Local instance MySQL80 X

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Administration Schemas

No object selected

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

SQL File 6\* SQL File 8\* DataDigger DATA Digger SQL File 10\* X

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.

```
37  )
38
39 • INSERT INTO Employees (EmployeeID, FirstName, LastName, Department, HireDate, Salary) VALUES
40 (1, 'Mark', 'Johnson', 'Sales', '2020-01-15', 50000.00),
41 (2, 'Susan', 'Lee', 'HR', '2021-03-20', 55000.00),
42 (3, 'Ravi', 'Kumar', 'IT', '2019-11-05', 65000.00);
43
44 • SELECT o.OrderID, o.OrderDate, o.TotalAmount,
45 c.FirstName, c.LastName
46 FROM Orders o
```

OrderID	OrderDate	TotalAmount	FirstName	LastName
101	2023-07-01	150.50	John	Doe
102	2023-07-03	200.75	Emma	Stone

Result 1 X

Output:

#	Time	Action	Message	Duration / Fetch
39	17:29:25	CREATE TABLE Employees ( EmployeeID INT PRIMARY KEY, FirstName VA...	0 row(s) affected	0.031 sec
40	17:29:39	INSERT INTO Employees (EmployeeID, FirstName, LastName, Department, HireDa...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.015 sec
41	17:29:51	SELECT o.OrderID, o.OrderDate, o.TotalAmount, c.FirstName, c.LastName F...	2 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

Windows Taskbar: Sun, 11/22/2025, 5:29 PM

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- Data Import/Restore

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- Server Logs
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SQL File 6\* SQL File 8\* DataDigger DATA Digger SQL File 10\* X

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.

```
46 -->CustomerID
47 Execute the selected portion of the script or everything, if there is no selection.
48
49
50 • SELECT c.CustomerID, c.FirstName, c.LastName,
51   o.OrderID, o.TotalAmount
52 FROM Customers c
53 LEFT JOIN Orders o ON c.CustomerID = o.CustomerID;
```

CustomerID	FirstName	LastName	OrderID	TotalAmount
1	John	Doe	101	150.50
2	Emma	Stone	102	200.75
3	Amit	Shah	103	100.00

Result 2 X

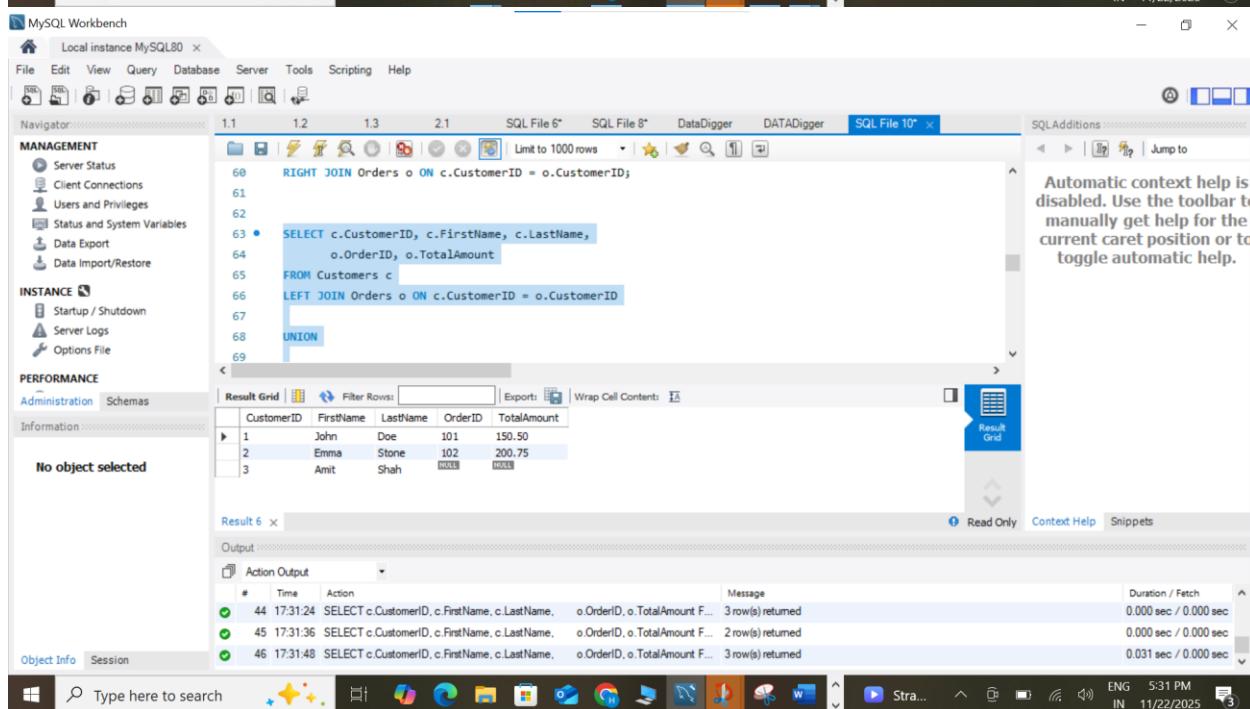
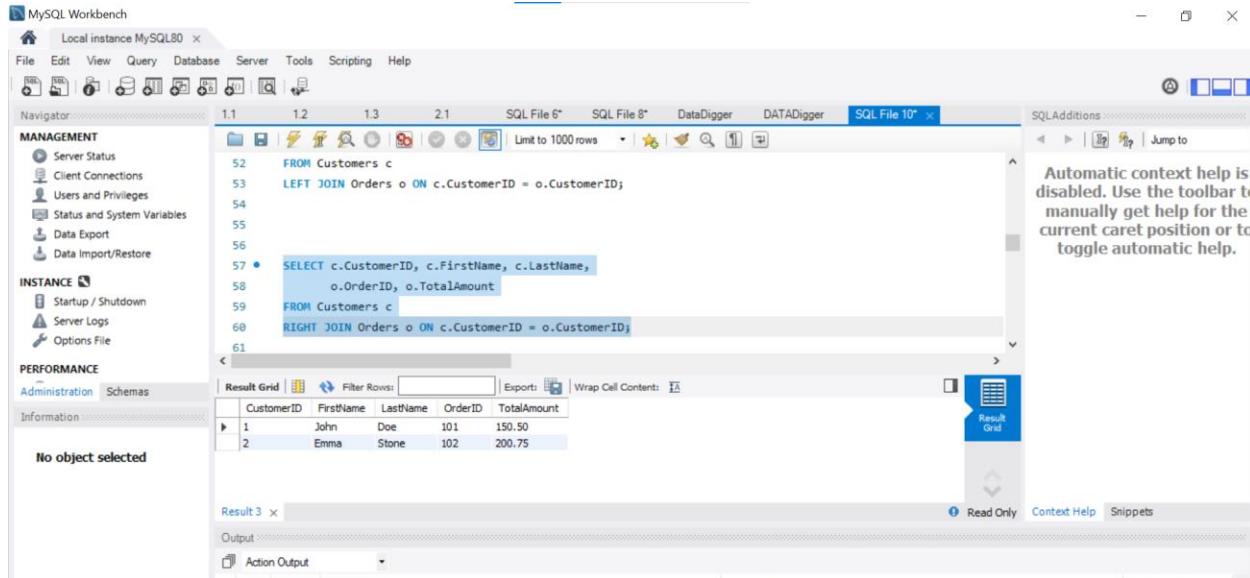
Output:

#	Time	Action	Message	Duration / Fetch
40	17:29:39	INSERT INTO Employees (EmployeeID, FirstName, LastName, Department, HireDa...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.015 sec
41	17:29:51	SELECT o.OrderID, o.OrderDate, o.TotalAmount, c.FirstName, c.LastName F...	2 row(s) returned	0.000 sec / 0.000 sec
42	17:30:27	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Type here to search

Windows Taskbar: Sun, 11/22/2025, 5:30 PM



MySQL Workbench

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**MANAGEMENT**

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

**INSTANCE**

- Startup / Shutdown
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**PERFORMANCE**

- Administration
- Schemas

No object selected

```

1.1   1.2   1.3   2.1   SQL File 6*   SQL File 8*   DataDigger   DATA Digger   SQL File 10*   SQL Additions
72   FROM Customers c
73   Execute the selected portion of the script or everything, if there is no selection
74
75
76 •   SELECT CustomerID, FirstName, LastName
77   FROM Customers
78   WHERE CustomerID IN (
79       SELECT CustomerID FROM Orders
80       WHERE TotalAmount > (SELECT AVG(TotalAmount) FROM Orders)
81   );
  
```

Result Grid | Filter Rows: [ ] | Edit: [ ] | Export/Import: [ ] | Wrap Cell Contents: [ ]

CustomerID	FirstName	LastName
2	Emma	Stone
NULL	NULL	NULL

Customers 7 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
45	17:31:36	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	2 row(s) returned	0.000 sec / 0.000 sec
46	17:31:48	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.031 sec / 0.000 sec
47	17:32:16	SELECT CustomerID, FirstName, LastName FROM Customers WHERE CustomerID...	1 row(s) returned	0.016 sec / 0.000 sec

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**MANAGEMENT**

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

**INSTANCE**

- Startup / Shutdown
- Server Logs
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No object selected

```

1.1   1.2   1.3   2.1   SQL File 6*   SQL File 8*   DataDigger   DATA Digger   SQL File 10*   SQL Additions
78   WHERE CustomerID IN (
79       SELECT CustomerID FROM Orders
80       WHERE TotalAmount > (SELECT AVG(TotalAmount) FROM Orders)
81   );
  
```

Result Grid | Filter Rows: [ ] | Edit: [ ] | Export/Import: [ ] | Wrap Cell Contents: [ ]

EmployeeID	FirstName	LastName	Department	HireDate	Salary
3	Ravi	Kumar	IT	2019-11-05	65000.00
NULL	NULL	NULL	NULL	NULL	NULL

Employees 8 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
46	17:31:48	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.031 sec / 0.000 sec
47	17:32:16	SELECT CustomerID, FirstName, LastName FROM Customers WHERE CustomerID...	1 row(s) returned	0.016 sec / 0.000 sec
48	17:32:51	SELECT * FROM Employees WHERE Salary > (SELECT AVG(Salary) FROM Emplo...	1 row(s) returned	0.000 sec / 0.000 sec

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MANAGEMENT

- Server Status
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- Users and Privileges
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- Startup / Shutdown
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No object selected

Result 9 x

Output:

```
87
88 •   SELECT OrderID, OrderDate,
89     YEAR(OrderDate) AS OrderYear,
90     MONTH(OrderDate) AS OrderMonth
91   FROM Orders
92
93
94
95 •   SELECT OrderID, OrderDate,
96     DATEDIFF(CURDATE(), OrderDate) AS DaysDifference
```

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

OrderID	OrderDate	OrderYear	OrderMonth
101	2023-07-01	2023	7
102	2023-07-03	2023	7

Result 9 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
47	17:32:16	SELECT CustomerID, FirstName, LastName FROM Customers WHERE CustomerID = ?	1 row(s) returned	0.016 sec / 0.000 sec
48	17:32:51	SELECT * FROM Employees WHERE Salary > (SELECT AVG(Salary) FROM Employees)	1 row(s) returned	0.000 sec / 0.000 sec
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTH(OrderDate) AS OrderMonth	2 row(s) returned	0.031 sec / 0.000 sec

Object Info Session

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Administration Schemas

No object selected

Result 10 x

Output:

```
90
91   Execute the selected portion of the script or everything, if there is no selection.
92
93
94 •   SELECT OrderID, OrderDate,
95     DATEDIFF(CURDATE(), OrderDate) AS DaysDifference
96   FROM Orders
97
98
99
```

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

OrderID	OrderDate	DaysDifference
101	2023-07-01	875
102	2023-07-03	873

Result 10 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
48	17:32:51	SELECT * FROM Employees WHERE Salary > (SELECT AVG(Salary) FROM Employees)	1 row(s) returned	0.000 sec / 0.000 sec
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTH(OrderDate) AS OrderMonth	2 row(s) returned	0.031 sec / 0.000 sec
50	17:33:52	SELECT OrderID, OrderDate, DATEDIFF(CURDATE(), OrderDate) AS DaysDifference	2 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

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No object selected

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid | Read Only | Context Help | Snippets

```
99 • SELECT OrderID, TotalAmount,
100   Execute the selected portion of the script or everything, if there is no selection
101   WHEN TotalAmount > 1000 THEN '10% Discount'
102   WHEN TotalAmount > 500 THEN '5% Discount'
103   ELSE 'No Discount'
104 END AS DiscountCategory
105
106
107
108 • SELECT EmployeeID, FirstName, Salary,
```

OrderID	TotalAmount	DiscountCategory
101	150.50	No Discount
102	200.75	No Discount

Action Output

#	Time	Action	Message	Duration / Fetch
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTH(O... 2 row(s) returned		0.031 sec / 0.000 sec
50	17:33:52	SELECT OrderID, OrderDate, DATEDIFF(CURDATE(), OrderDate) AS DaysDiff... 2 row(s) returned		0.015 sec / 0.000 sec
51	17:34:18	SELECT OrderID, TotalAmount, CASE WHEN TotalAmount > 1000 THEN '... 2 row(s) returned		0.000 sec / 0.000 sec

Type here to search

Result 11 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTH(O... 2 row(s) returned		0.031 sec / 0.000 sec
50	17:33:52	SELECT OrderID, OrderDate, DATEDIFF(CURDATE(), OrderDate) AS DaysDiff... 2 row(s) returned		0.015 sec / 0.000 sec
51	17:34:18	SELECT OrderID, TotalAmount, CASE WHEN TotalAmount > 1000 THEN '... 2 row(s) returned		0.000 sec / 0.000 sec

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- Server Status
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- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

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No object selected

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid | Read Only | Context Help | Snippets

```
99 • SELECT OrderID, TotalAmount,
100   Execute the selected portion of the script or everything, if there is no selection
101   WHEN TotalAmount > 1000 THEN '10% Discount'
102   WHEN TotalAmount > 500 THEN '5% Discount'
103   ELSE 'No Discount'
104 END AS DiscountCategory
105
106
107
108 • SELECT EmployeeID, FirstName, Salary,
```

OrderID	TotalAmount	DiscountCategory
101	150.50	No Discount
102	200.75	No Discount

Action Output

#	Time	Action	Message	Duration / Fetch
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTH(O... 2 row(s) returned		0.031 sec / 0.000 sec
50	17:33:52	SELECT OrderID, OrderDate, DATEDIFF(CURDATE(), OrderDate) AS DaysDiff... 2 row(s) returned		0.015 sec / 0.000 sec
51	17:34:18	SELECT OrderID, TotalAmount, CASE WHEN TotalAmount > 1000 THEN '... 2 row(s) returned		0.000 sec / 0.000 sec

Type here to search

Result 11 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTH(O... 2 row(s) returned		0.031 sec / 0.000 sec
50	17:33:52	SELECT OrderID, OrderDate, DATEDIFF(CURDATE(), OrderDate) AS DaysDiff... 2 row(s) returned		0.015 sec / 0.000 sec
51	17:34:18	SELECT OrderID, TotalAmount, CASE WHEN TotalAmount > 1000 THEN '... 2 row(s) returned		0.000 sec / 0.000 sec

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Local instance MySQL80 X

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Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
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No object selected

Object Info Session

SQL File 6\* SQL File 8\* DataDigger DATA Digger SQL File 10\*

110      CASE WHEN Salary < 6000 THEN 'Low'

111      WHEN Salary BETWEEN 6000 AND 60000 THEN 'Medium'

112      ELSE 'High'

113      END AS SalaryLevel

114      FROM Employees;

115

116

117

118 •      SELECT EmployeeID, FirstName, Salary,

119      RANK() OVER (ORDER BY Salary DESC) AS SalaryRank

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Read Only Context Help Snippets

EmployeeID FirstName Salary SalaryRank

EmployeeID	FirstName	Salary	SalaryRank
3	Ravi	65000.00	1
2	Susan	55000.00	2
1	Mark	50000.00	3

Output

Action Output

#	Time	Action	Message	Duration / Fetch
51	17:34:18	SELECT OrderID, TotalAmount, CASE WHEN TotalAmount > 1000 THEN '...	2 row(s) returned	0.000 sec / 0.000 sec
52	17:34:44	SELECT EmployeeID, FirstName, Salary, CASE WHEN Salary > 60000 TH...	3 row(s) returned	0.000 sec / 0.000 sec
53	17:35:08	SELECT EmployeeID, FirstName, Salary, RANK() OVER (ORDER BY Salary D...	3 row(s) returned	0.015 sec / 0.000 sec

Type here to search

28°C ENG 5:35 PM IN 11/22/2025

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

The screenshot shows the MySQL Workbench interface. In the central query editor, there is a multi-line SQL script. The 118th line contains a CASE statement with three WHEN clauses: one for values less than 6000 (label 'Low'), one for values between 6000 and 60000 (label 'Medium'), and a default ELSE clause for values greater than 60000 (label 'High'). The 119th line uses the RANK() window function over an ORDER BY clause to assign a rank to each employee based on their salary. Below the editor is a 'Result Grid' showing the results of the query, which consists of four columns: EmployeeID, FirstName, Salary, and SalaryRank. The results show three rows for employees Ravi, Susan, and Mark, with ranks 1, 2, and 3 respectively. To the right of the result grid is a vertical toolbar with a 'Result Grid' icon. At the bottom of the screen is a Windows taskbar displaying various pinned icons and system status information like the date and time.