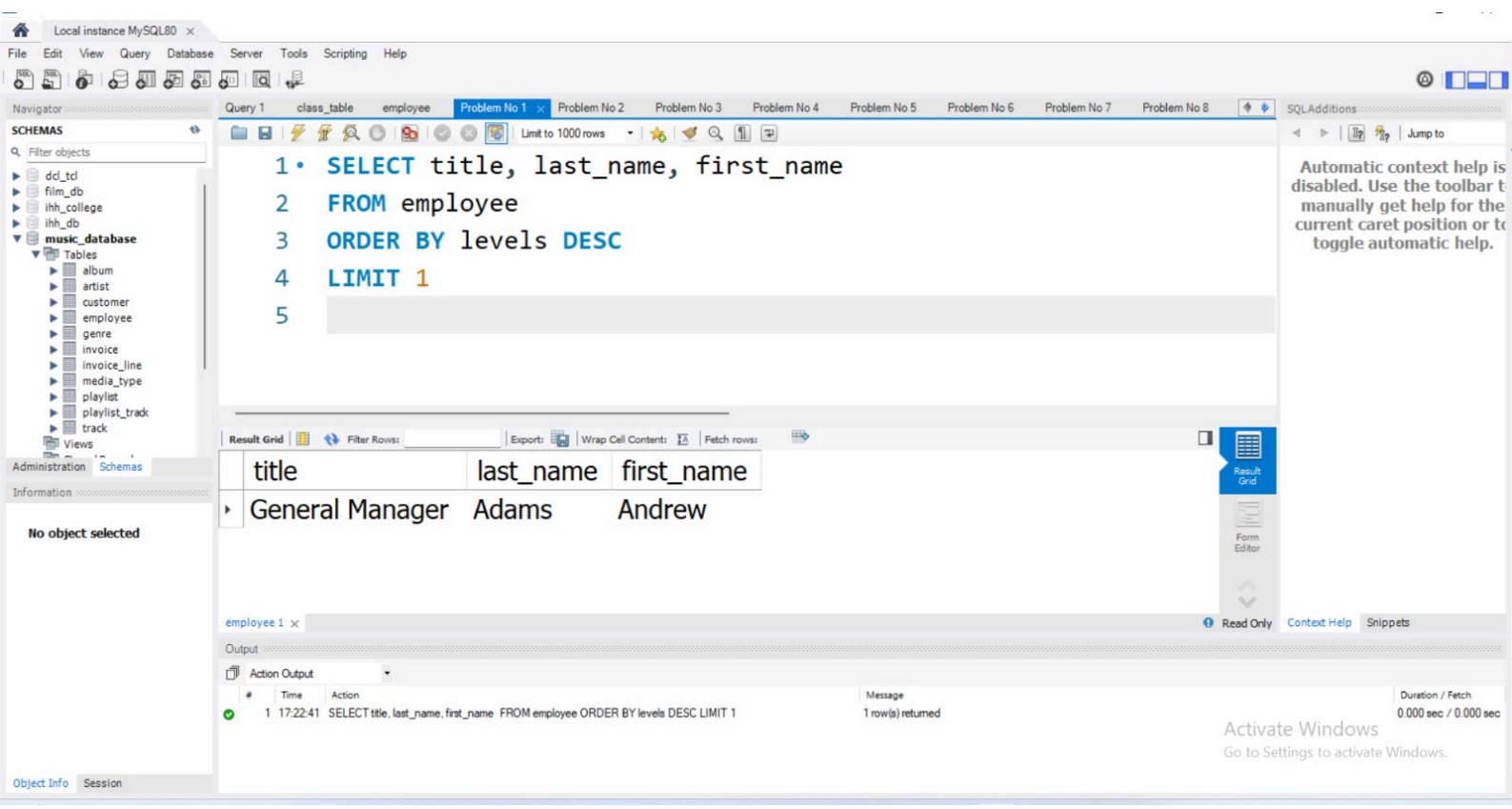
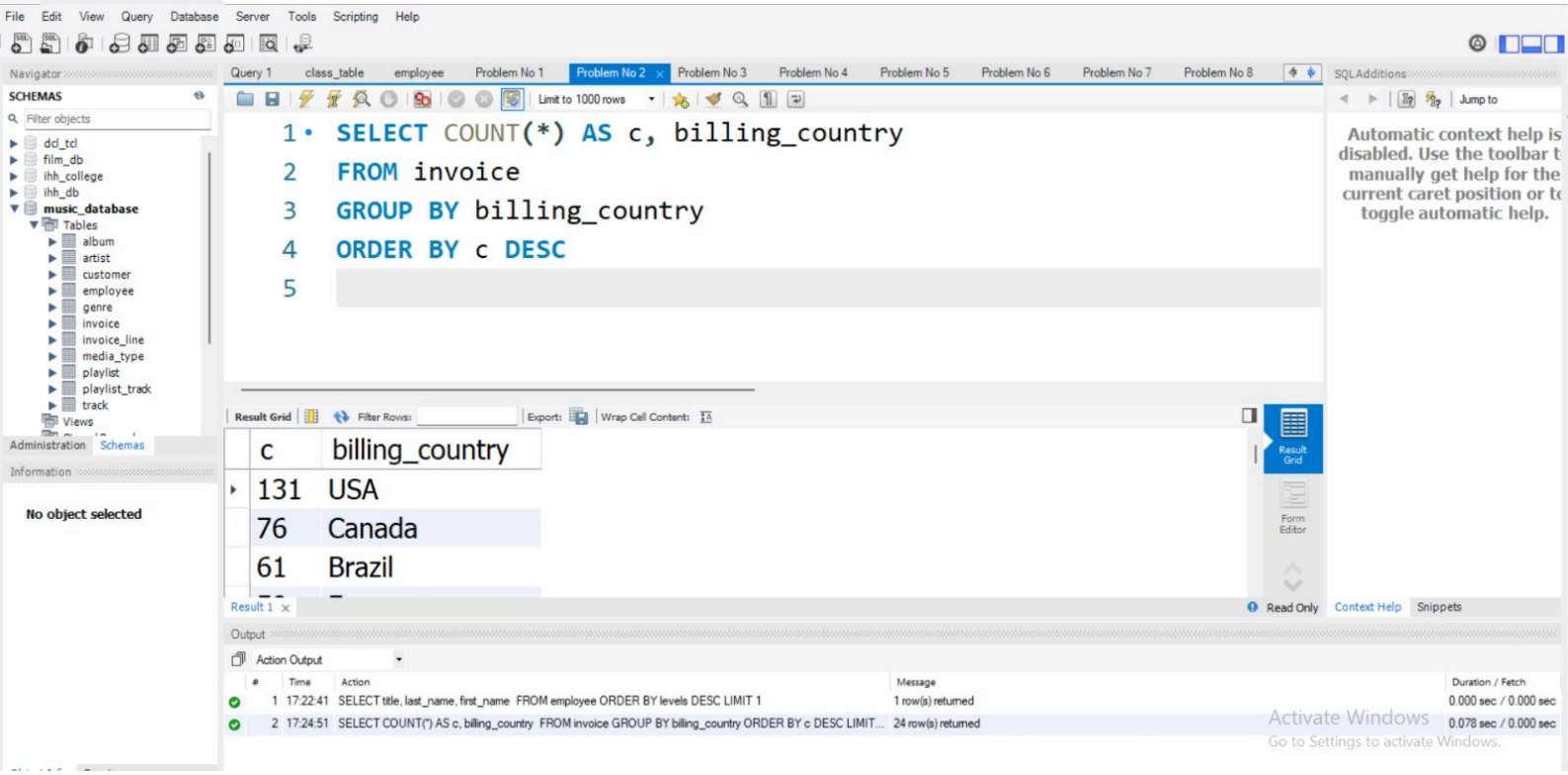

Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
dcl_tcl
film_db
ihh_college
ihh_db
music_database
Tables
album
artist
customer
employee
genre
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
Object Info Session
Query 1 class_table employee Problem No 1 Problem No 2 Problem No 3 Problem No 4 Problem No 5 Problem No 6 Problem No 7 Problem No 8
Limit to 1000 rows
1 SELECT title, last_name, first_name
2 FROM employee
3 ORDER BY levels DESC
4 LIMIT 1
5
Result Grid Filter Rows: Export: Wrap Cell Content: Fetch rows:
title last_name first_name
General Manager Adams Andrew
Result Grid
Form Editor
Read Only
employee 1
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 17:22:41 SELECT title, last_name, first_name FROM employee ORDER BY levels DESC LIMIT 1 1 row(s) returned 0.000 sec / 0.000 sec
Activate Windows
Go to Settings to activate Windows.


File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
dd_tcl
film_db
ihh_college
ihh_db
music_database
Tables
album
artist
customer
employee
genre
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
Query 1 class_table employee Problem No 1 Problem No 2 Problem No 3 Problem No 4 Problem No 5 Problem No 6 Problem No 7 Problem No 8
Limit to 1000 rows
1 SELECT COUNT(*) AS c, billing_country
2 FROM invoice
3 GROUP BY billing_country
4 ORDER BY c DESC
5
Result Grid Filter Rows: Export: Wrap Cell Content:
c billing_country
131 USA
76 Canada
61 Brazil
Result 1
Output
Action Output
Time Action Message Duration / Fetch
1 17:22:41 SELECT title, last_name, first_name FROM employee ORDER BY levels DESC LIMIT 1 1 row(s) returned 0.000 sec / 0.000 sec
2 17:24:51 SELECT COUNT(*) AS c, billing_country FROM invoice GROUP BY billing_country ORDER BY c DESC LIMIT... 24 row(s) returned 0.078 sec / 0.000 sec
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.
Result Grid
Form Editor
Read Only
Context Help
Snippets
Activate Windows
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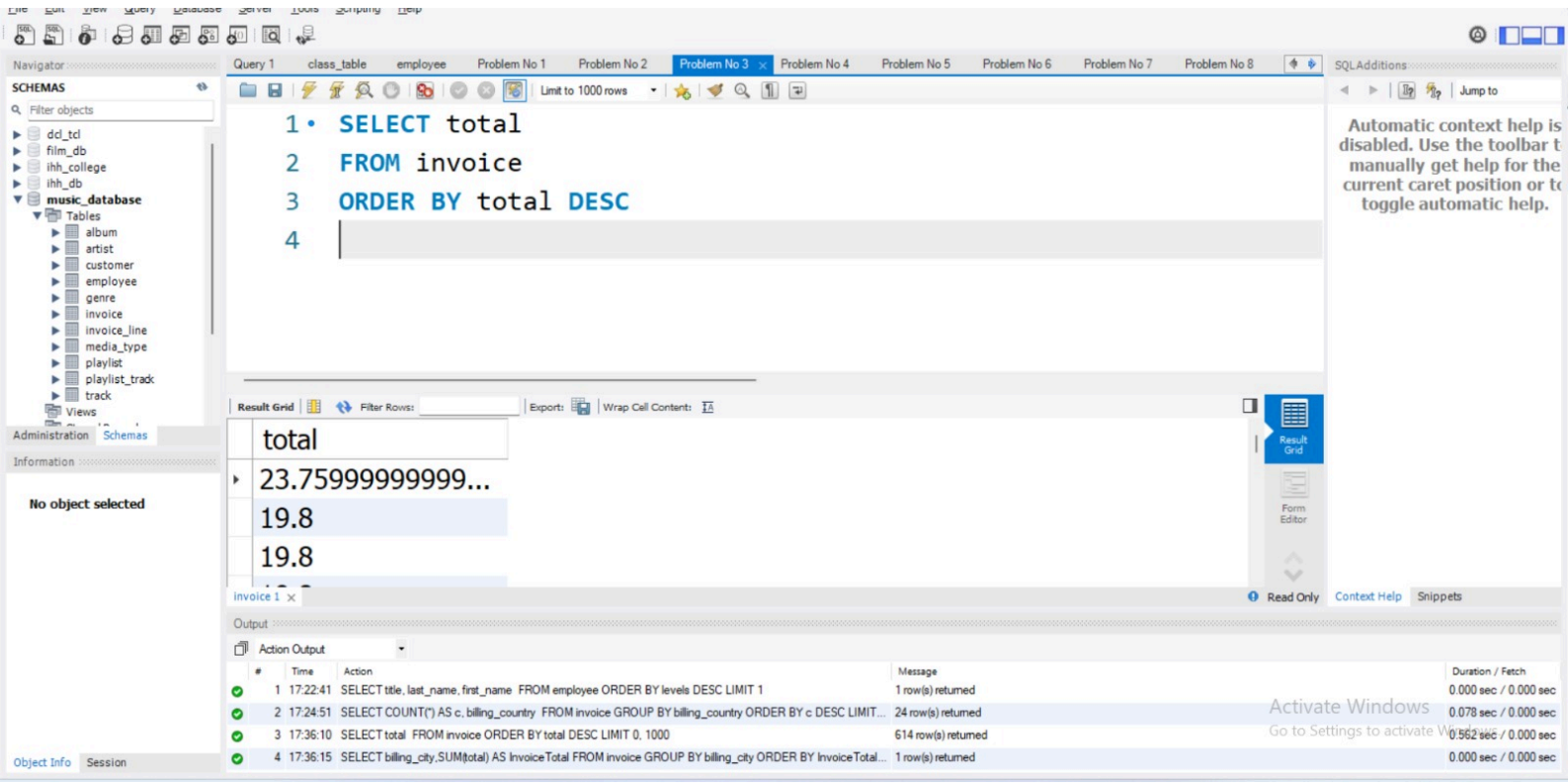
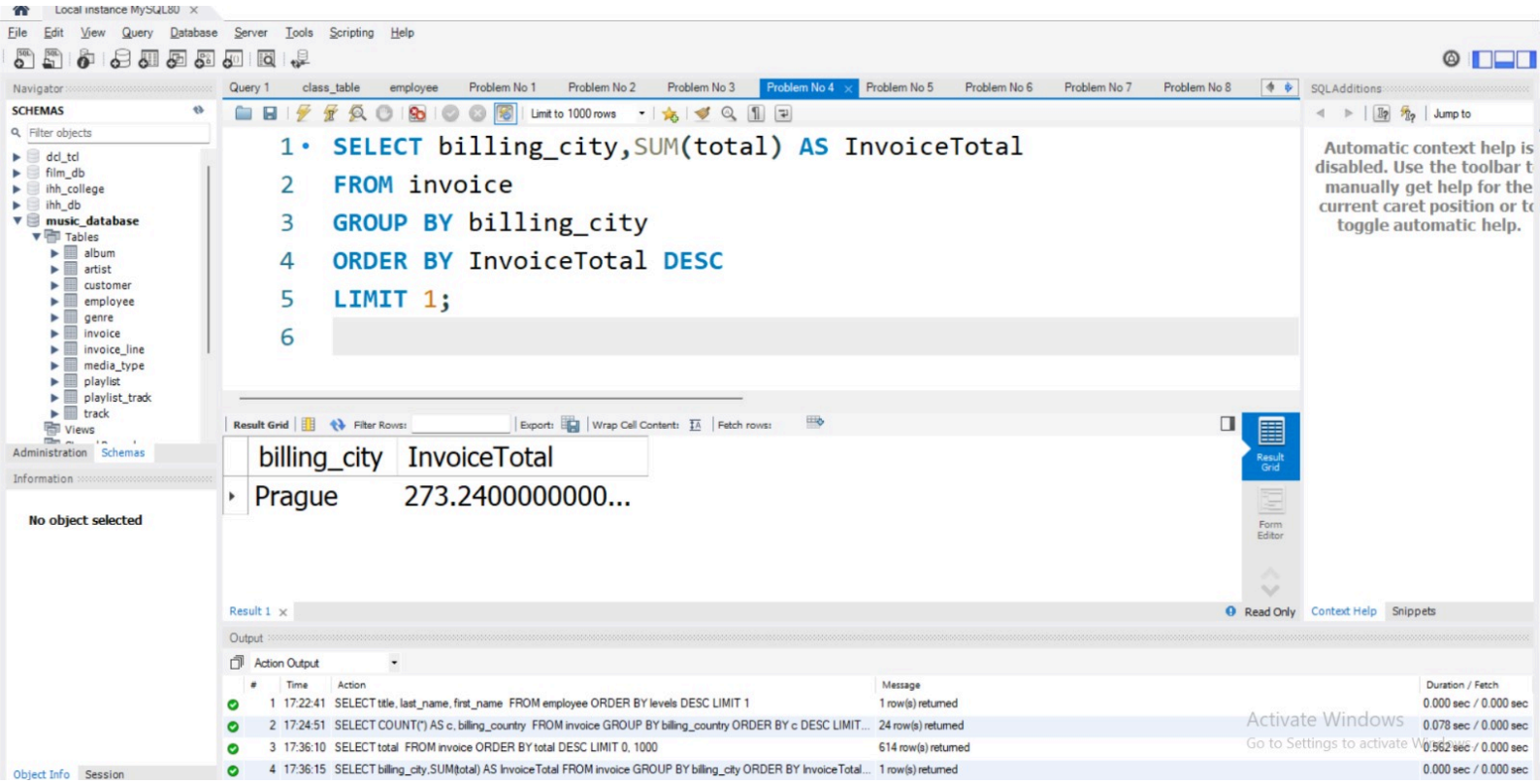

Navigator
SCHEMAS
Filter objects
dcl_tcl
film_db
ihh_college
ihh_db
music_database
Tables
album
artist
customer
employee
genre
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration
Schemas
Information
No object selected
Object Info
Session
Query 1
class_table
employee
Problem No 1
Problem No 2
Problem No 3
Problem No 4
Problem No 5
Problem No 6
Problem No 7
Problem No 8
Limit to 1000 rows
1 SELECT total
2 FROM invoice
3 ORDER BY total DESC
4
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
total
23.75999999999...
19.8
19.8
Result Grid
Form Editor
invoice 1
Read Only
Context Help
Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 17:22:41 SELECT title, last_name, first_name FROM employee ORDER BY levels DESC LIMIT 1 1 row(s) returned 0.000 sec / 0.000 sec
2 17:24:51 SELECT COUNT(*) AS c, billing_country FROM invoice GROUP BY billing_country ORDER BY c DESC LIMIT... 24 row(s) returned 0.078 sec / 0.000 sec
3 17:36:10 SELECT total FROM invoice ORDER BY total DESC LIMIT 0, 1000 614 row(s) returned 0.562 sec / 0.000 sec
4 17:36:15 SELECT billing_city,SUM(total) AS InvoiceTotal FROM invoice GROUP BY billing_city ORDER BY InvoiceTotal... 1 row(s) returned 0.000 sec / 0.000 sec
Activate Windows
Go to Settings to activate Windows.


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
dcl_tcl
film_db
ihh_college
ihh_db
music_database
Tables
album
artist
customer
employee
genre
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
Object Info Session
Query 1 class_table employee Problem No 1 Problem No 2 Problem No 3 Problem No 4 Problem No 5 Problem No 6 Problem No 7 Problem No 8
Limit to 1000 rows
1 • SELECT billing_city,SUM(total) AS InvoiceTotal
2 FROM invoice
3 GROUP BY billing_city
4 ORDER BY InvoiceTotal DESC
5 LIMIT 1;
6
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.
Result Grid Filter Rows: Export: Wrap Cell Content: Fetch rows:
billing_city InvoiceTotal
Prague 273.2400000000...
Result Grid
Form Editor
Read Only
Result 1
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 17:22:41 SELECT title, last_name, first_name FROM employee ORDER BY levels DESC LIMIT 1 1 row(s) returned 0.000 sec / 0.000 sec
2 17:24:51 SELECT COUNT(*) AS c, billing_country FROM invoice GROUP BY billing_country ORDER BY c DESC LIMIT... 24 row(s) returned 0.078 sec / 0.000 sec
3 17:36:10 SELECT total FROM invoice ORDER BY total DESC LIMIT 0, 1000 614 row(s) returned 0.562 sec / 0.000 sec
4 17:36:15 SELECT billing_city,SUM(total) AS InvoiceTotal FROM invoice GROUP BY billing_city ORDER BY InvoiceTotal... 1 row(s) returned 0.000 sec / 0.000 sec
Activate Windows
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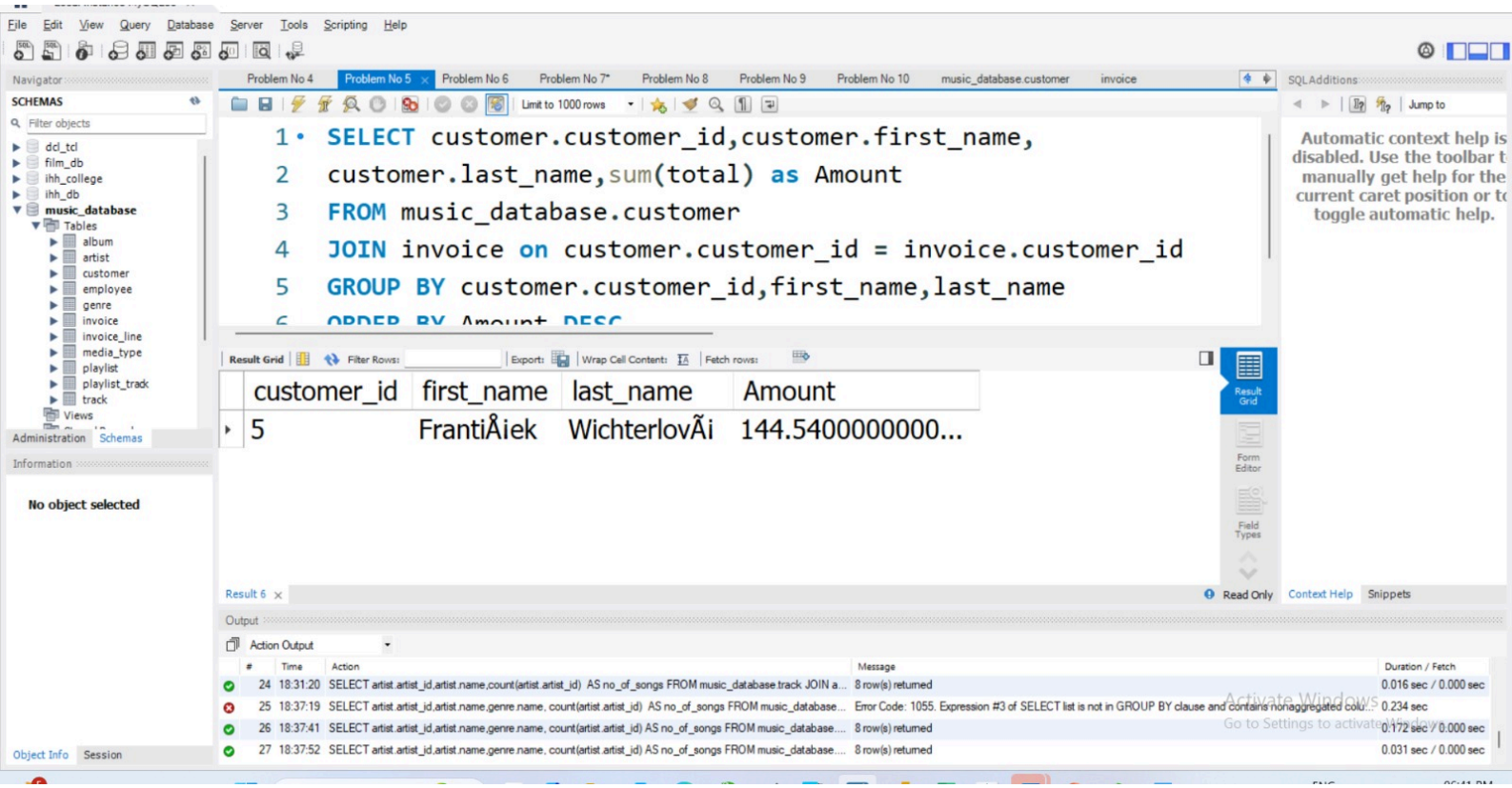
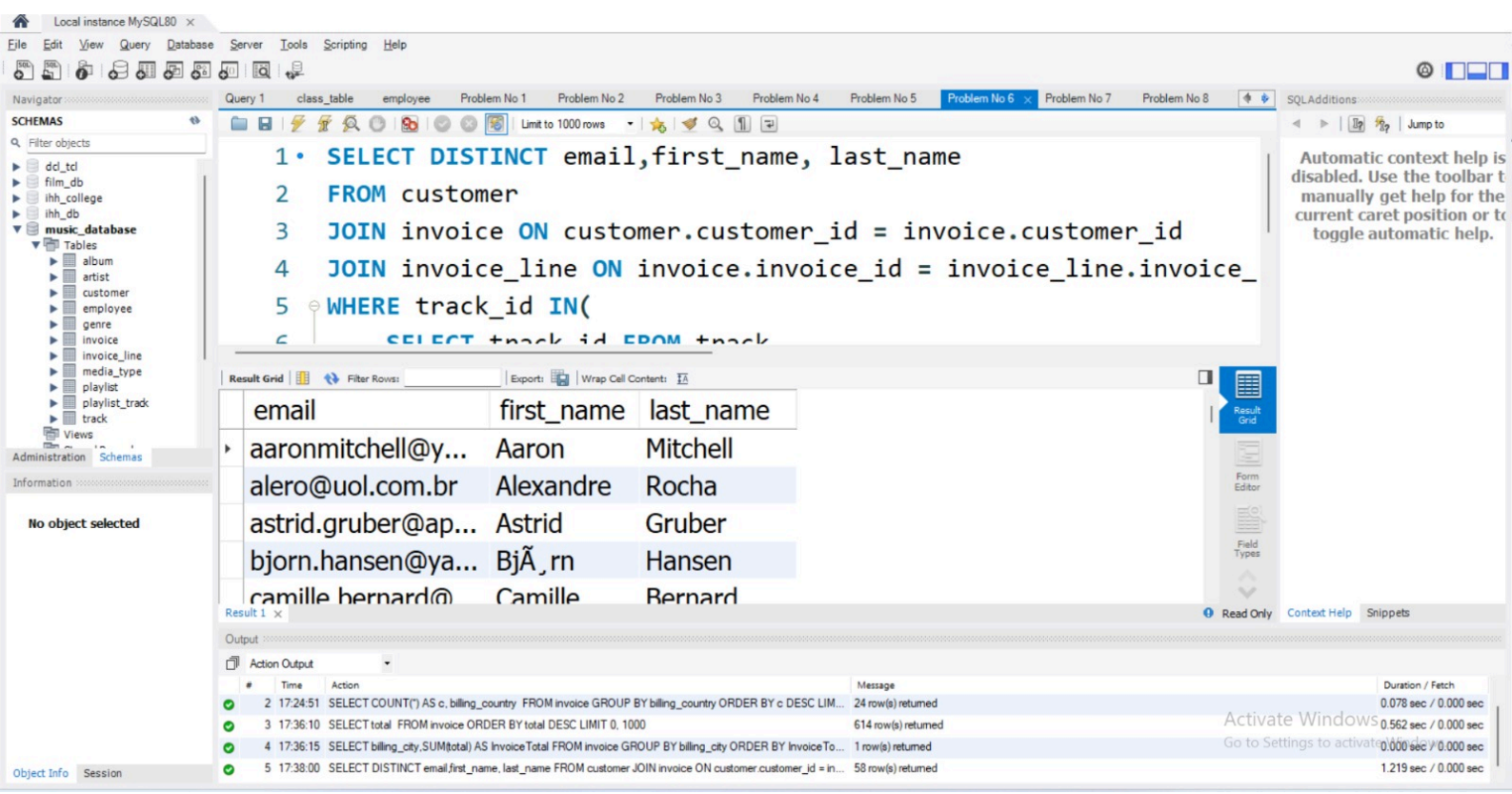
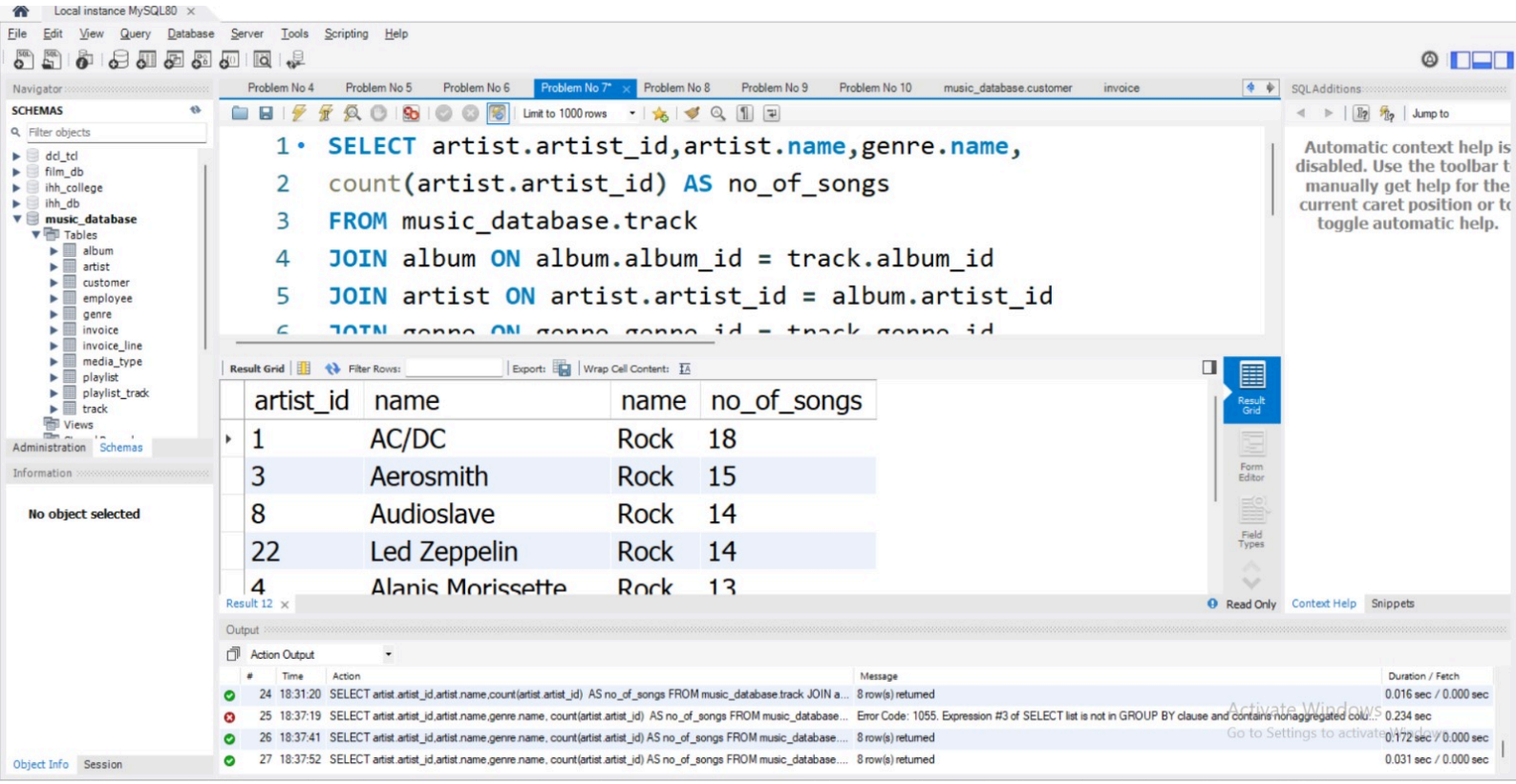

File Edit View Query Database Server Tools Scripting Help
Problem No 4 Problem No 5 Problem No 6 Problem No 7* Problem No 8 Problem No 9 Problem No 10 music_database.customer invoice
SCHEMAS
dcl_tcl
film_db
ihh_college
ihh_db
music_database
Tables
album
artist
customer
employee
genre
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
Object Info Session
Limit to 1000 rows
1 • SELECT customer.customer_id,customer.first_name,
2 customer.last_name,sum(total) as Amount
3 FROM music_database.customer
4 JOIN invoice on customer.customer_id = invoice.customer_id
5 GROUP BY customer.customer_id,first_name,last_name
6 ORDER BY Amount DESC
Result Grid Filter Rows: Export: Wrap Cell Content: Fetch rows:
customer_id first_name last_name Amount
5 FrantiÅiek WichterlovÃi 144.5400000000...
Result 6
Read Only
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t 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 18:31:20 SELECT artist.artist_id,artist.name,count(artist.artist_id) AS no_of_songs FROM music_database.track JOIN a... 8 row(s) returned 0.016 sec / 0.000 sec
25 18:37:19 SELECT artist.artist_id,artist.name,genre.name, count(artist.artist_id) AS no_of_songs FROM music_database... Error Code: 1055. Expression #3 of SELECT list is not in GROUP BY clause and contains nonaggregated colu... 0.234 sec
26 18:37:41 SELECT artist.artist_id,artist.name,genre.name, count(artist.artist_id) AS no_of_songs FROM music_database.... 8 row(s) returned 0.172 sec / 0.000 sec
27 18:37:52 SELECT artist.artist_id,artist.name,genre.name, count(artist.artist_id) AS no_of_songs FROM music_database.... 8 row(s) returned 0.031 sec / 0.000 sec
Activate Windows
Go to Settings to activate Windows.


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
dcl_tcl
film_db
ihh_college
ihh_db
music_database
Tables
album
artist
customer
employee
genre
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
Object Info Session
Query 1 class_table employee Problem No 1 Problem No 2 Problem No 3 Problem No 4 Problem No 5 Problem No 6 Problem No 7 Problem No 8
Limit to 1000 rows
1 • SELECT DISTINCT email,first_name, last_name
2 FROM customer
3 JOIN invoice ON customer.customer_id = invoice.customer_id
4 JOIN invoice_line ON invoice.invoice_id = invoice_line.invoice_
5 WHERE track_id IN(
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.
Result Grid Filter Rows: Export: Wrap Cell Content:
email first_name last_name
aaronmitchell@y... Aaron Mitchell
alero@uol.com.br Alexandre Rocha
astrid.gruber@ap... Astrid Gruber
bjorn.hansen@ya... BjÃ¸rn Hansen
camille.bernard@ Camille Bernard
Result Grid
Form Editor
Field Types
Result 1
Read Only Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
2 17:24:51 SELECT COUNT(*) AS c, billing_country FROM invoice GROUP BY billing_country ORDER BY c DESC LIM... 24 row(s) returned 0.078 sec / 0.000 sec
3 17:36:10 SELECT total FROM invoice ORDER BY total DESC LIMIT 0, 1000 614 row(s) returned 0.562 sec / 0.000 sec
4 17:36:15 SELECT billing_city,SUM(total) AS InvoiceTotal FROM invoice GROUP BY billing_city ORDER BY InvoiceTo... 1 row(s) returned 0.000 sec / 0.000 sec
5 17:38:00 SELECT DISTINCT email,first_name, last_name FROM customer JOIN invoice ON customer.customer_id = in... 58 row(s) returned 1.219 sec / 0.000 sec
Activate Windows
Go to Settings to activate Windows.


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
dcl_tcl
film_db
ihh_college
ihh_db
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invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
Object Info Session
Problem No 4 Problem No 5 Problem No 6 Problem No 7* Problem No 8 Problem No 9 Problem No 10 music_database.customer invoice
Limit to 1000 rows
1 • SELECT artist.artist_id,artist.name,genre.name,
2 count(artist.artist_id) AS no_of_songs
3 FROM music_database.track
4 JOIN album ON album.album_id = track.album_id
5 JOIN artist ON artist.artist_id = album.artist_id
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.
Result Grid Filter Rows: Export: Wrap Cell Content:
artist_id name name no_of_songs
1 AC/DC Rock 18
3 Aerosmith Rock 15
8 Audioslave Rock 14
22 Led Zeppelin Rock 14
4 Alanis Morissette Rock 13
Result Grid
Form Editor
Field Types
Result 12
Read Only
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
24 18:31:20 SELECT artist.artist_id,artist.name,count(artist.artist_id) AS no_of_songs FROM music_database.track JOIN a... 8 row(s) returned 0.016 sec / 0.000 sec
25 18:37:19 SELECT artist.artist_id,artist.name,genre.name, count(artist.artist_id) AS no_of_songs FROM music_database... Error Code: 1055. Expression #3 of SELECT list is not in GROUP BY clause and contains nonaggregated colu... 0.234 sec
26 18:37:41 SELECT artist.artist_id,artist.name,genre.name, count(artist.artist_id) AS no_of_songs FROM music_database.... 8 row(s) returned 0.172 sec / 0.000 sec
27 18:37:52 SELECT artist.artist_id,artist.name,genre.name, count(artist.artist_id) AS no_of_songs FROM music_database.... 8 row(s) returned 0.031 sec / 0.000 sec
Activate Windows
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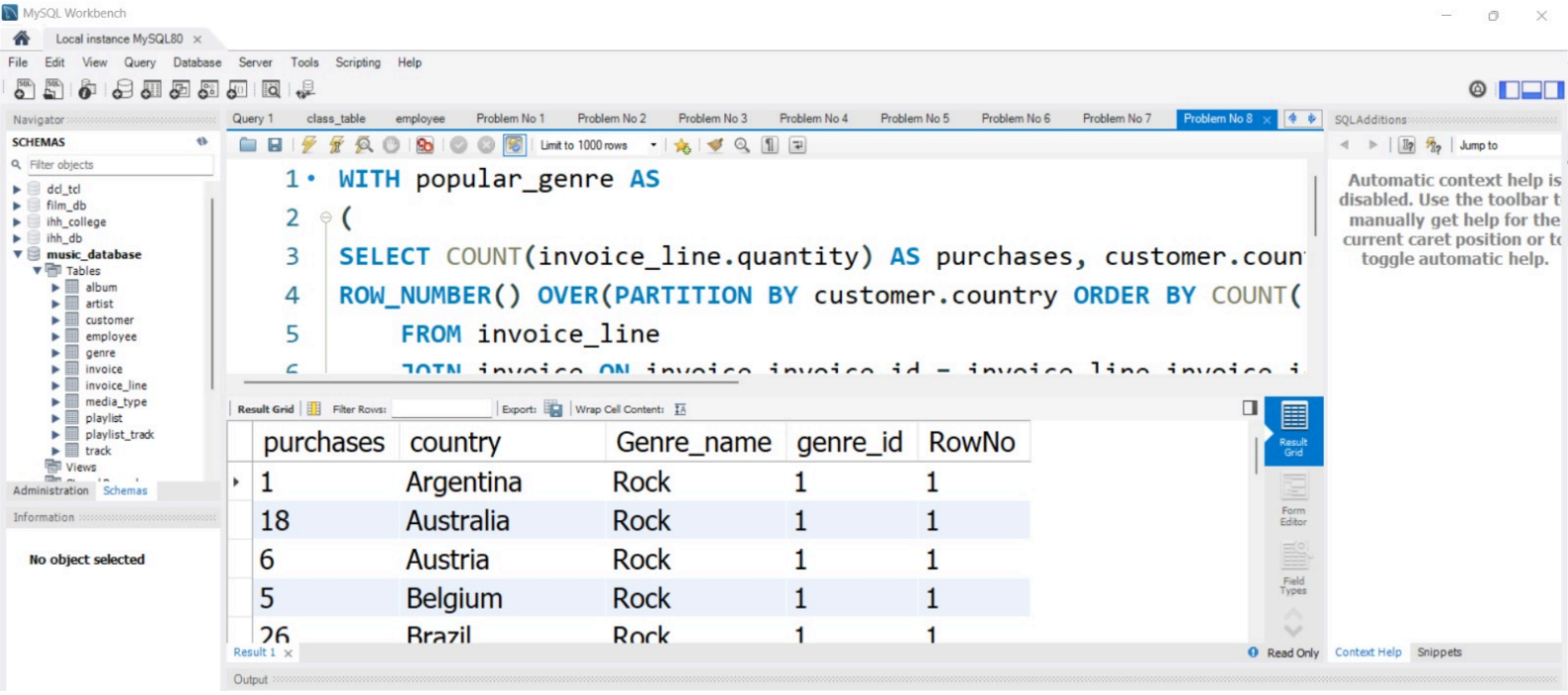
MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
dcl_tcl
film_db
ihh_college
ihh_db
music_database
Tables
album
artist
customer
employee
genre
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
Query 1 class_table employee Problem No 1 Problem No 2 Problem No 3 Problem No 4 Problem No 5 Problem No 6 Problem No 7 Problem No 8
Limit to 1000 rows
1 • WITH popular_genre AS
2 (
3 SELECT COUNT(invoice_line.quantity) AS purchases, customer.coun
4 ROW_NUMBER() OVER(PARTITION BY customer.country ORDER BY COUNT(
5 FROM invoice_line
Result Grid Filter Rows: Export: Wrap Cell Content:
purchases country Genre_name genre_id RowNo
1 Argentina Rock 1 1
18 Australia Rock 1 1
6 Austria Rock 1 1
5 Belgium Rock 1 1
26 Brazil Rock 1 1
Result 1
Output
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.
Result Grid
Form Editor
Field Types
Read Only
Context Help Snippets

File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
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ihh_college
ihh_db
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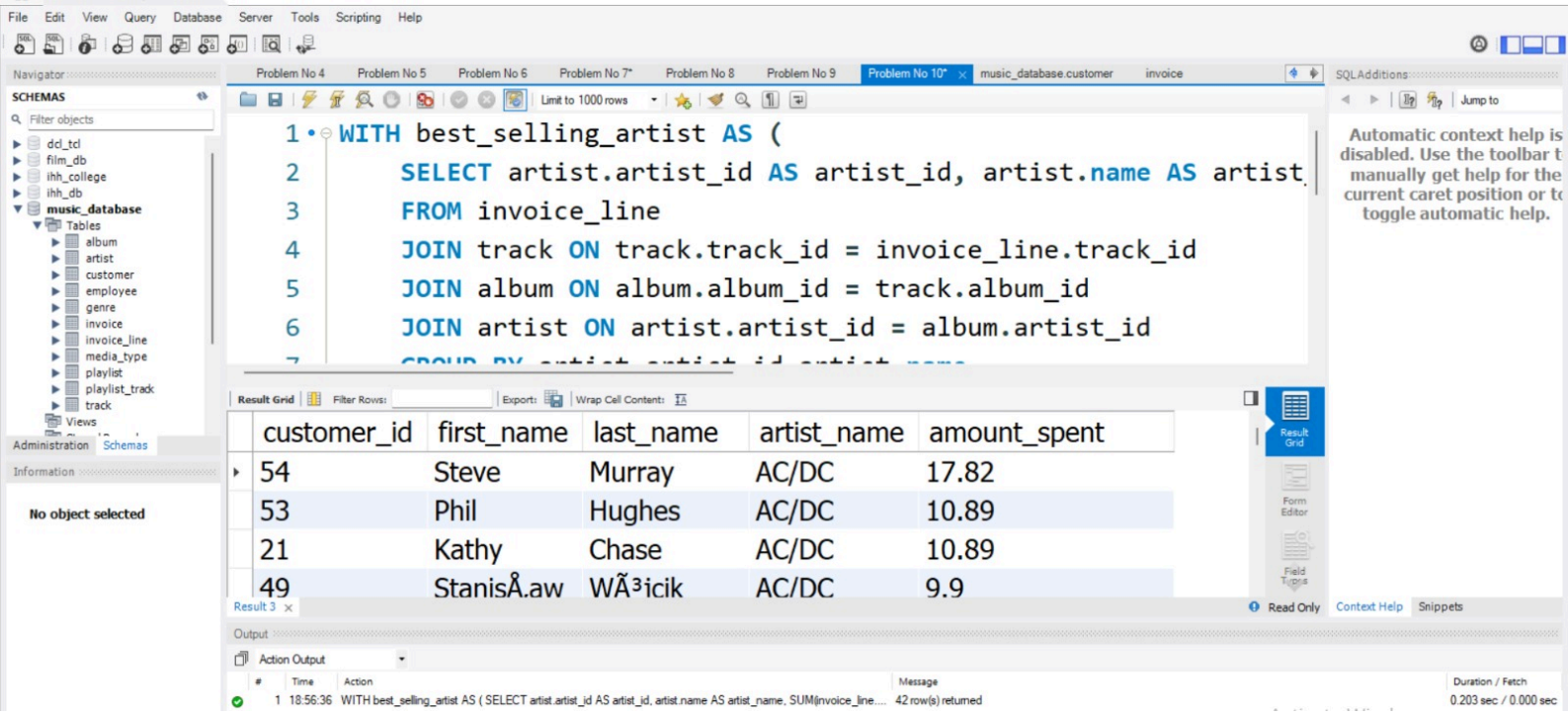
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
s_table employee Problem No 1 Problem No 2 Problem No 3 Problem No 4 Problem No 5 Problem No 6 Problem No 7 Problem No 8 Problem No 9
Limit to 1000 rows
1 • WITH Customter_with_country AS (
2 SELECT customer.customer_id,first_name,last_name,billin
3 ROW_NUMBER() OVER(PARTITION BY billing_country ORDER BY
4 FROM invoice
5 JOIN customer ON customer.customer_id = invoice.custome
Result Grid Filter Rows: Export: Wrap Cell Content:
customer_id first_name last_name billing_country total_spending
5 FrantiÅiek WichterlovÃi Czech Republic 144.5400000000...
46 Hugh O'Reilly Ireland 114.8399999999...
58 Manoj Pareek India 111.8699999999...
1 LuÃ-s GonÃ§alves Brazil 108.8999999999...
Result 1
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.
Result Grid
Form Editor
Field Types
Read Only
Context Help
Snippets


File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
dcl_tcl
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ihh_college
ihh_db
music_database
Tables
album
artist
customer
employee
genre
invoice
invoice_line
media_type
playlist
playlist_track
track
Views
Administration Schemas
Information
No object selected
Problem No 4 Problem No 5 Problem No 6 Problem No 7* Problem No 8 Problem No 9 Problem No 10* music_database.customer invoice
Limit to 1000 rows
1 • WITH best_selling_artist AS (
2 SELECT artist.artist_id AS artist_id, artist.name AS artist
3 FROM invoice_line
4 JOIN track ON track.track_id = invoice_line.track_id
5 JOIN album ON album.album_id = track.album_id
6 JOIN artist ON artist.artist_id = album.artist_id
Result Grid Filter Rows: Export: Wrap Cell Content:
customer_id first_name last_name artist_name amount_spent
54 Steve Murray AC/DC 17.82
53 Phil Hughes AC/DC 10.89
21 Kathy Chase AC/DC 10.89
49 StanisÅ.aw WÃ³icik AC/DC 9.9
Result 3
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Result Grid
Form Editor
Field Types
Read Only
Context Help
Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 18:56:36 WITH best_selling_artist AS (SELECT artist.artist_id AS artist_id, artist.name AS artist_name, SUM(invoice_line.... 42 row(s) returned 0.203 sec / 0.000 sec