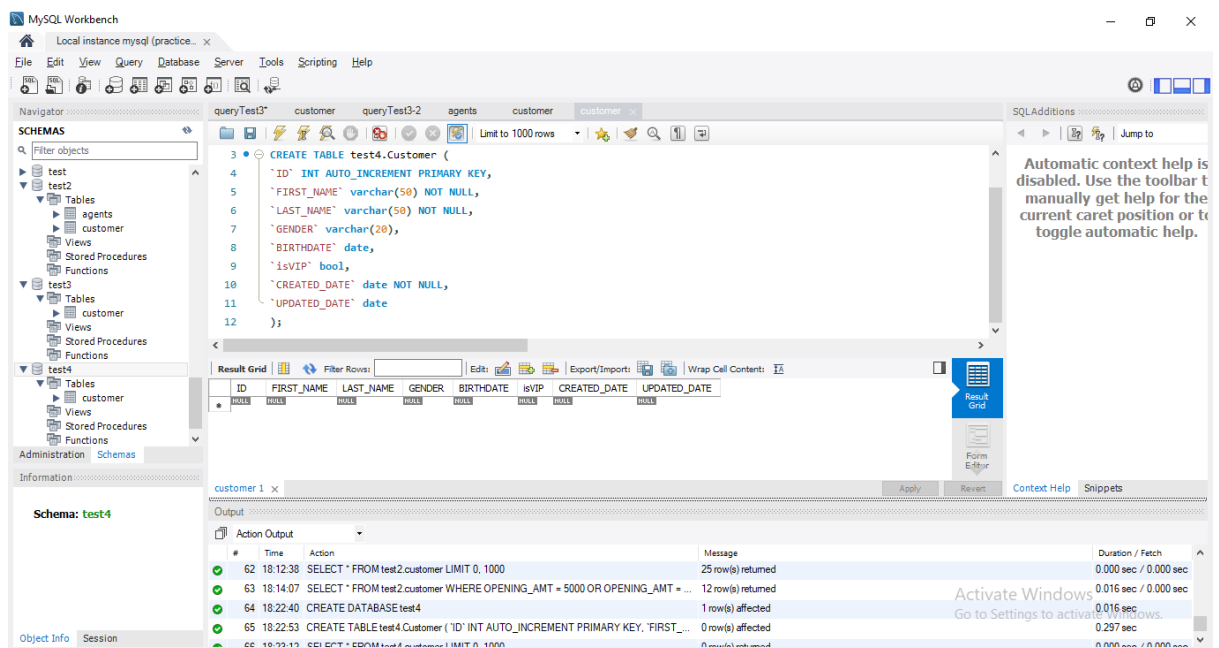


Name : Hiral Mashru

SECTION A

1)

```
CREATE TABLE test4.Customer (  
  `ID` INT AUTO_INCREMENT PRIMARY KEY,  
  `FIRST_NAME` varchar(50) NOT NULL,  
  `LAST_NAME` varchar(50) NOT NULL,  
  `GENDER` varchar(20),  
  `BIRTHDATE` date,  
  `isVIP` bool,  
  `CREATED_DATE` date NOT NULL,  
  `UPDATED_DATE` date  
);
```



2) INSERT INTO test4.customer(FIRST_NAME, LAST_NAME, GENDER, CREATED_DATE, isVIP)
VALUES ('Hiral', 'Mashru', 'Female', '2021-04-14', 1);

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'test4' selected. The main editor window shows the following SQL script:

```
1 SELECT * FROM test4.customer;  
2  
3 INSERT INTO test4.customer(FIRST_NAME, LAST_NAME, GENDER, CREATED_DATE, isVIP) VALUES  
4 ('Hiral', 'Mashru', 'Female', '2021-04-14', 1);  
5
```

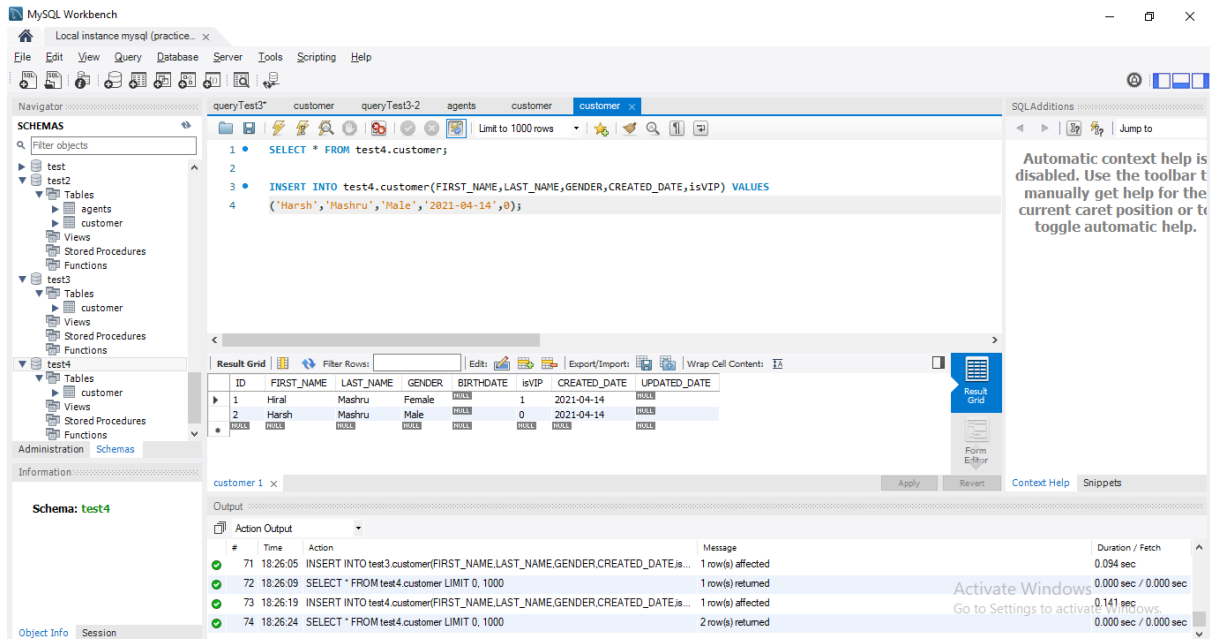
Below the script, the 'Result Grid' displays the data from the 'test4.customer' table:

ID	FIRST_NAME	LAST_NAME	GENDER	BIRTHDATE	isVIP	CREATED_DATE	UPDATED_DATE
1	Hiral	Mashru	Female	2021-04-14	1	2021-04-14	

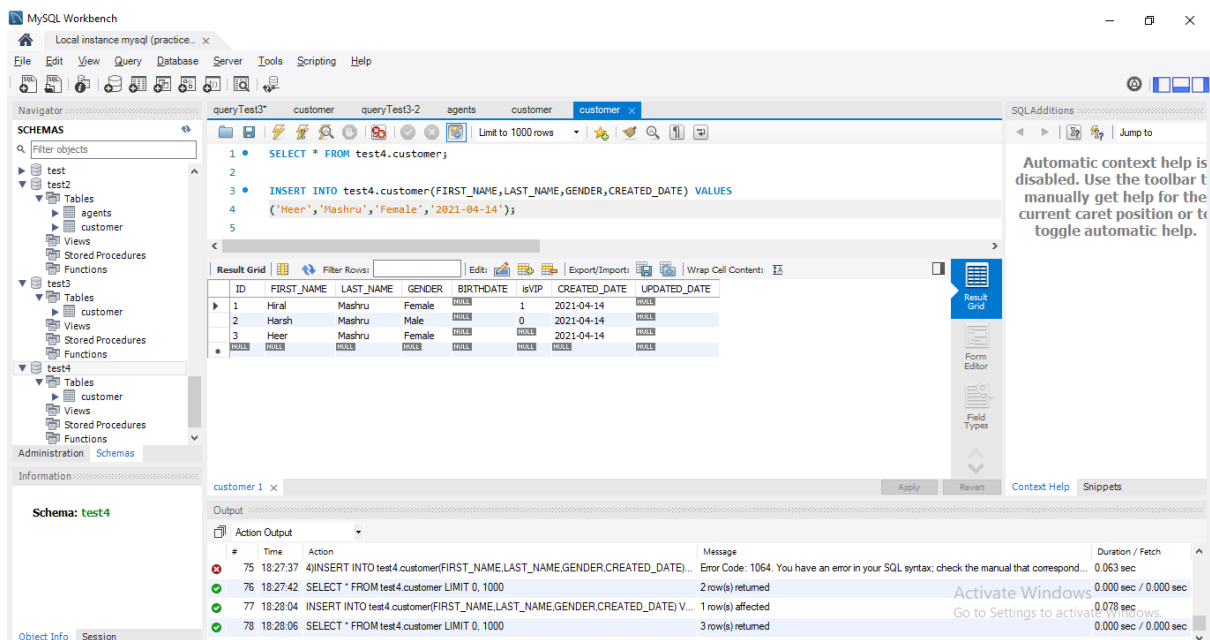
The bottom panel shows the 'Action Output' log with the following entries:

#	Time	Action	Message	Duration / Fetch
65	18:22:53	CREATE TABLE test4 Customer ('ID' INT AUTO_INCREMENT PRIMARY KEY, 'FIRST_...	0 row(s) affected	0.297 sec
66	18:23:12	SELECT * FROM test4.customer LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
67	18:24:41	INSERT INTO test4.customer(FIRST_NAME, LAST_NAME, GENDER, CREATED_DATE, is...	1 row(s) affected	0.093 sec
68	18:24:44	SELECT * FROM test4.customer LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

3) INSERT INTO test4.customer(FIRST_NAME, LAST_NAME, GENDER, CREATED_DATE, isVIP)
VALUES ('Harsh', 'Mashru', 'Male', '2021-04-14', 0);



4) INSERT INTO test4.customer(FIRST_NAME, LAST_NAME, GENDER, CREATED_DATE) VALUES ('Heer', 'Mashru', 'Female', '2021-04-14');



5) SELECT * FROM test4.customer WHERE isVIP = 1;

MySQL Workbench

Local instance mysql (practice... x)

File Edit View Query Database Server Tools Scripting Help

Navigator queryTest3* customer queryTest3-2 agents customer customer x

Limit to 1000 rows

8 • SELECT * FROM test4.customer WHERE isVIP = 1;

9

10

11

12

Result Grid

ID	FIRST_NAME	LAST_NAME	GENDER	BIRTHDATE	isVIP	CREATED_DATE	UPDATED_DATE
1	Hiral	Madhru	Female	NULL	1	2021-04-14	NULL

customer 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
76	18:27:42	SELECT * FROM test4.customer LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
77	18:28:04	INSERT INTO test4.customer(FIRST_NAME, LAST_NAME, GENDER, CREATED_DATE) V...	1 row(s) affected	0.078 sec
78	18:28:06	SELECT * FROM test4.customer LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
79	18:28:57	SELECT * FROM test4.customer WHERE isVIP = 1 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Schema: test4

Object Info Session

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

Activate Windows
Go to Settings to activate Windows.

6) SELECT * FROM test4.customer WHERE isVIP = 0;

MySQL Workbench

Local instance mysql (practice... x)

File Edit View Query Database Server Tools Scripting Help

Navigator queryTest3* customer queryTest3-2 agents customer customer x

Limit to 1000 rows

7

8 • SELECT * FROM test4.customer WHERE isVIP = 1;

9

10 • SELECT * FROM test4.customer WHERE isVIP = 0;

11

Result Grid

ID	FIRST_NAME	LAST_NAME	GENDER	BIRTHDATE	isVIP	CREATED_DATE	UPDATED_DATE
2	Harsh	Madhru	Male	NULL	0	2021-04-14	NULL

customer 3 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
77	18:28:04	INSERT INTO test4.customer(FIRST_NAME, LAST_NAME, GENDER, CREATED_DATE) V...	1 row(s) affected	0.078 sec
78	18:28:06	SELECT * FROM test4.customer LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
79	18:28:57	SELECT * FROM test4.customer WHERE isVIP = 1 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
80	18:29:38	SELECT * FROM test4.customer WHERE isVIP = 0 LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec

Schema: test4

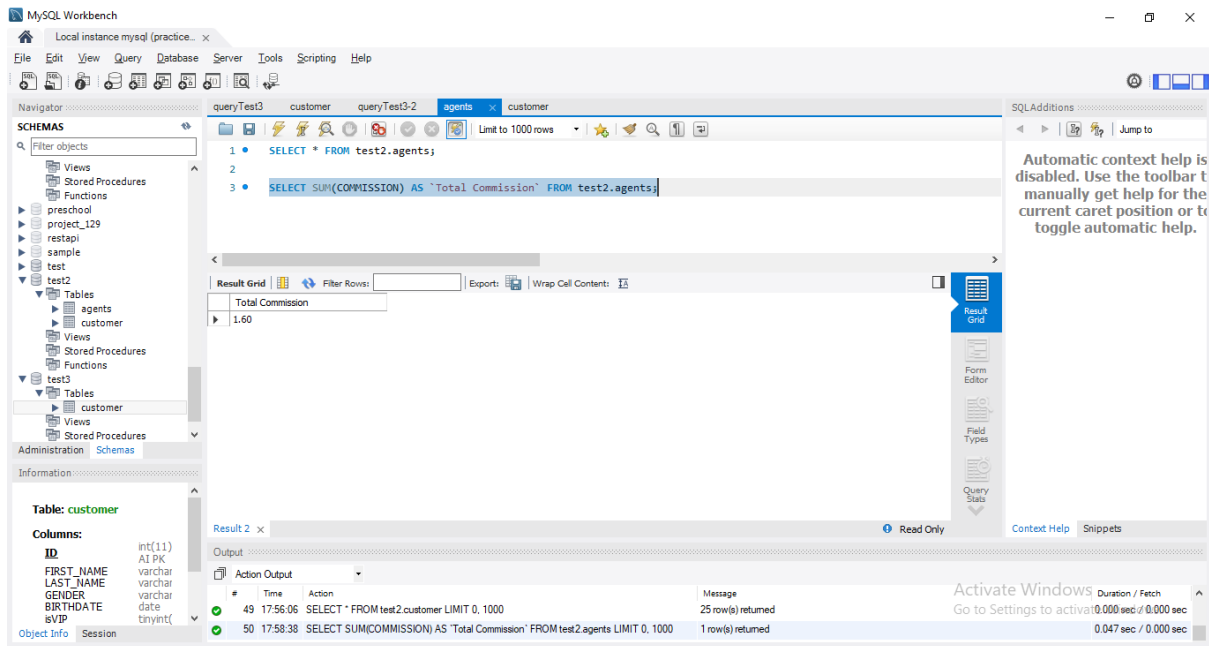
Object Info Session

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SECTION – B

1) `SELECT SUM(COMMISSION) AS `Total Commission` FROM test2.agents;`



2) `SELECT * FROM test2.agents WHERE `PHONE_NO` LIKE '077%';`

MySQL Workbench

Local instance mysql (practice... x)

File Edit View Query Database Server Tools Scripting Help

Navigator

queryTest3 customer queryTest3-2 agents customer

Limit to 1000 rows

1 • SELECT * FROM test2.agents;

2

3 • SELECT SUM(COMMISSION) AS 'Total Commission' FROM test2.agents;

4

5 • SELECT * FROM test2.agents WHERE 'PHONE_NO' LIKE '077%';

Result Grid

AGENT_CODE	AGENT_NAME	WORKING_AREA	COMMISSION	PHONE_NO	COUNTRY
A007	Ramasundar	Bangalore	0.15	077-25814763	
A011	Ravi Kumar	Bangalore	0.15	077-45625874	
A001	Subbarao	Bangalore	0.14	077-12346674	

Table: customer

Columns:

ID int(11) AI PK
FIRST_NAME varchar
LAST_NAME varchar
GENDER varchar
BIRTHDATE date
ISVIP tinyint

Information

agents 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
51	17:59:53	SELECT * FROM test2.agents LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
52	18:00:28	SELECT * FROM test2.agents WHERE 'PHONE_NO' LIKE '077%'; LIMIT 0, 1000	3 row(s) returned	0.016 sec / 0.000 sec

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3) SELECT * FROM test2.customer ORDER BY 'CUST_NAME';

MySQL Workbench

Local instance mysql (practice... x)

File Edit View Query Database Server Tools Scripting Help

Navigator

queryTest3 customer queryTest3-2 agents customer

Limit to 1000 rows

1 • SELECT * FROM test2.customer;

2

3 • SELECT * FROM test2.customer ORDER BY 'CUST_NAME';

Result Grid

CUST_CODE	CUST_NAME	CUST_CITY	WORKING_AREA	CUST_COUNTRY	GRADE	OPENING_AMT	RECEIVE_AMT	PAYMENT_AMT
C00020	Albert	New York	New York	USA	3	5000.00	7000.00	6000.00
C00022	Avinash	Mumbai	Mumbai	India	2	7000.00	11000.00	9000.00
C00002	Bolt	New York	New York	USA	3	5000.00	7000.00	9000.00
C00010	Charles	Hampshire	Hampshire	UK	3	6000.00	4000.00	5000.00
C00024	Cook	London	London	UK	2	4000.00	9000.00	7000.00
C00018	Fleming	Brisban	Brisban	Australia	2	7000.00	7000.00	9000.00
C00013	Holmes	London	London	UK	2	6000.00	5000.00	7000.00
C00021	Jackie	Brisban	Brisban	Australia	1	7000.00	7000.00	7000.00
C00023	Karl	London	London	UK	0	4000.00	6000.00	7000.00
C00008	Karolina	Toronto	Toronto	Canada	1	7000.00	7000.00	9000.00
C00003	Martin	Toronto	Toronto	Canada	2	8000.00	7000.00	7000.00
C00001	Michael	New York	New York	USA	2	3000.00	5000.00	2000.00
C00007	Ramanathan	Chennai	Chennai	India	1	7000.00	11000.00	9000.00
C00009	Ramesh	Mumbai	Mumbai	India	3	8000.00	7000.00	3000.00
C00014	Rangarappa	Bangalore	Bangalore	India	2	8000.00	11000.00	7000.00
C00025	Ravindran	Bangalore	Bangalore	India	2	5000.00	7000.00	4000.00

Table: customer

Columns:

ID int(11) AI PK
FIRST_NAME varchar
LAST_NAME varchar
GENDER varchar
BIRTHDATE date
ISVIP tinyint

Information

customer 2 x

Output

Action Output

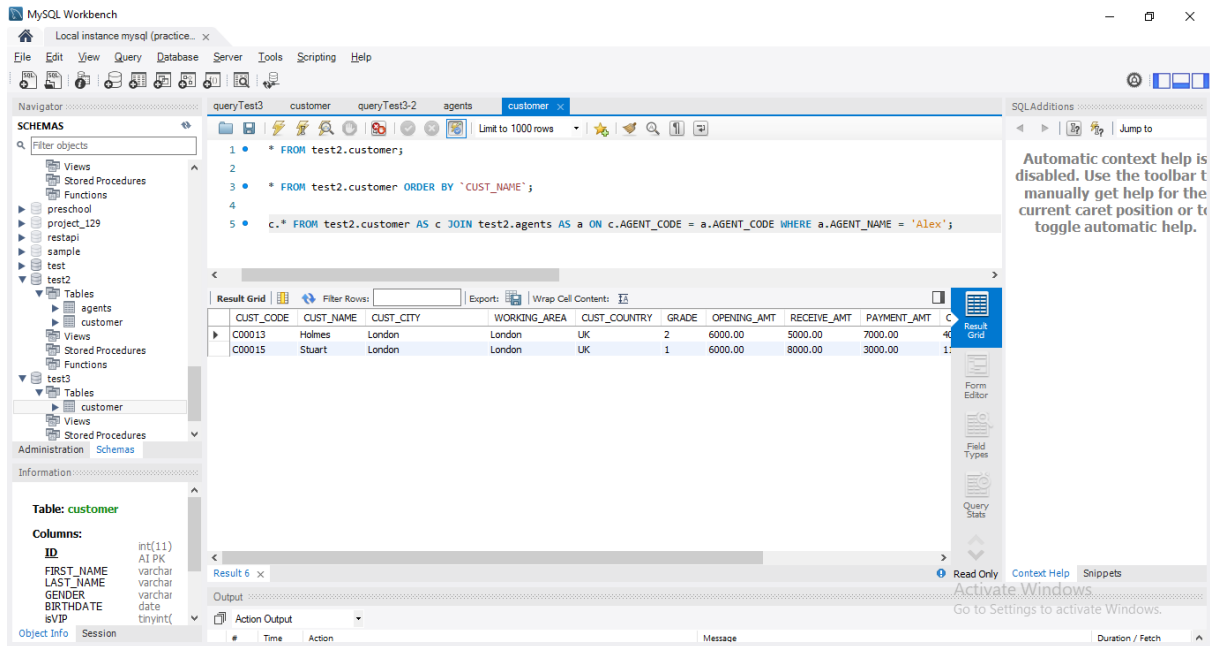
#	Time	Action	Message	Duration / Fetch
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Activate Windows

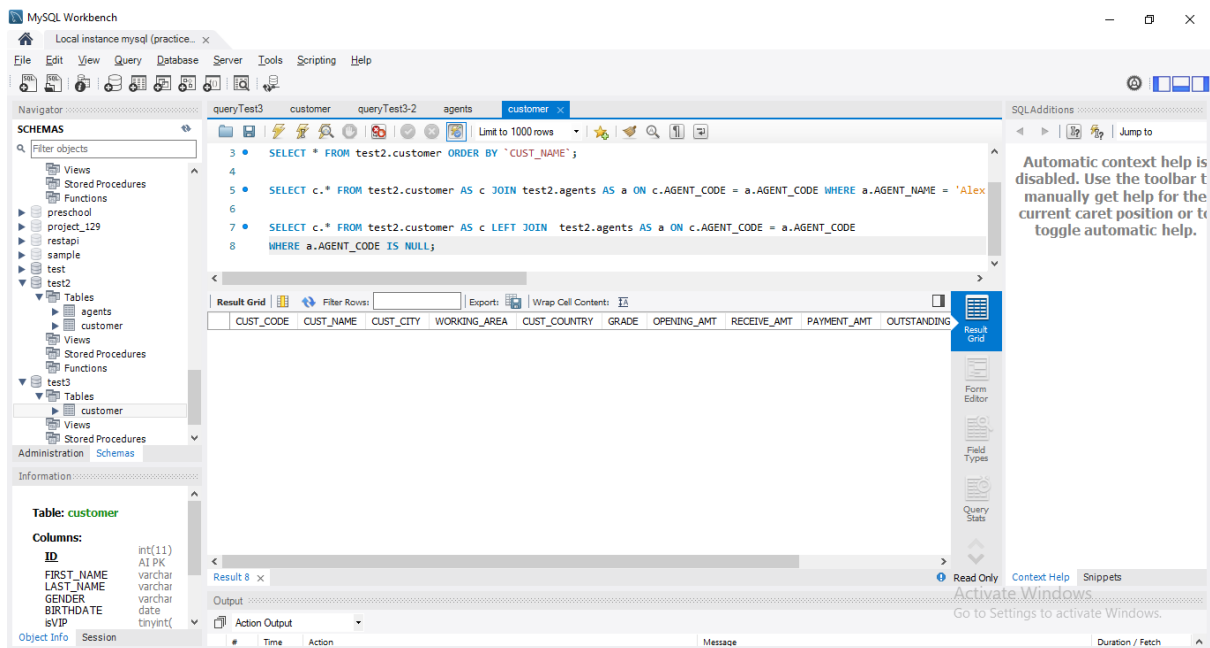
Go to Settings to activate Windows.

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

4) SELECT c.* FROM test2.customer AS c JOIN test2.agents AS a ON c.AGENT_CODE = a.AGENT_CODE WHERE a.AGENT_NAME = 'Alex';



5) SELECT c.* FROM test2.customer AS c LEFT JOIN test2.agents AS a ON c.AGENT_CODE = a.AGENT_CODE WHERE a.AGENT_CODE IS NULL;



6) SELECT * FROM test2.customer WHERE OPENING_AMT = 5000 OR OPENING_AMT = 7000;

MySQL Workbench

Local instance mysql (practice... x)

File Edit View Query Database Server Tools Scripting Help

Navigator

customer queryTest3-2 agents customer x

SCHEMAS

Filter objects

Views
Stored Procedures
Functions
preschool
project_129
restapi
sample
test
test2

Tables

agents
customer
Views
Stored Procedures
Functions

test3

Tables
customer
Views
Stored Procedures
Functions

Administration Schemas

Information

Table: customer

Columns:

ID int(11)
FIRST_NAME AI PK
LAST_NAME varchar
GENDER varchar
BIRTHDATE date
isVIP tinyint(1)

queryTest3

5 • SELECT c.* FROM test2.customer AS c JOIN test2.agents AS a ON c.AGENT_CODE = a.AGENT_CODE WHERE a.AGENT_NAME = 'Alex'

6

7 • SELECT c.* FROM test2.customer AS c LEFT JOIN test2.agents AS a ON c.AGENT_CODE = a.AGENT_CODE

8 WHERE a.AGENT_CODE IS NULL;

9

10 • SELECT * FROM test2.customer WHERE OPENING_AMT = 5000 OR OPENING_AMT = 7000;

Result Grid

Filter Rows: Exports: | Wrap Cell Contents: |

CUST_CODE	CUST_NAME	CUST_CITY	WORKING_AREA	CUST_COUNTRY	GRADE	OPENING_AMT	RECEIVE_AMT	PAYMENT_AMT
C00020	Albert	New York	New York	USA	3	5000.00	7000.00	6000.00
C00025	Ravindran	Bangalore	Bangalore	India	2	5000.00	7000.00	4000.00
C00002	Bolt	New York	New York	USA	3	5000.00	7000.00	9000.00
C00018	Fleming	Brisban	Brisban	Australia	2	7000.00	7000.00	9000.00
C00021	Jacks	Brisban	Brisban	Australia	1	7000.00	7000.00	7000.00
C00005	Sasikant	Mumbai	Mumbai	India	1	7000.00	11000.00	7000.00
C00007	Ramanathan	Chennai	Chennai	India	1	7000.00	11000.00	9000.00
C00022	Avinash	Mumbai	Mumbai	India	2	7000.00	11000.00	9000.00
C00004	Winston	Brisban	Brisban	Australia	1	5000.00	8000.00	7000.00
C00012	Steven	San Jose	San Jose	USA	1	5000.00	7000.00	9000.00
C00008	Karolina	Toronto	Toronto	Canada	1	7000.00	7000.00	9000.00
C00011	Sundariya	Chennai	Chennai	India	3	7000.00	11000.00	7000.00

customer 11 x

Output

Action Output

Message

Duration / Fetch

SQL Additions

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Read Only Context Help Snippets

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