SQL REPORT PROBLEM

Gross monthly total sales report for Croma

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Description

As a product owner, **I need** an aggregate monthly gross sales report for Croma India customer **so that** I can track how much sales this particular customer is generating for AtliQ and manage our relationships accordingly.

The report should have the following fields,

1. Month
2. Total gross sales amount to Croma India in this month

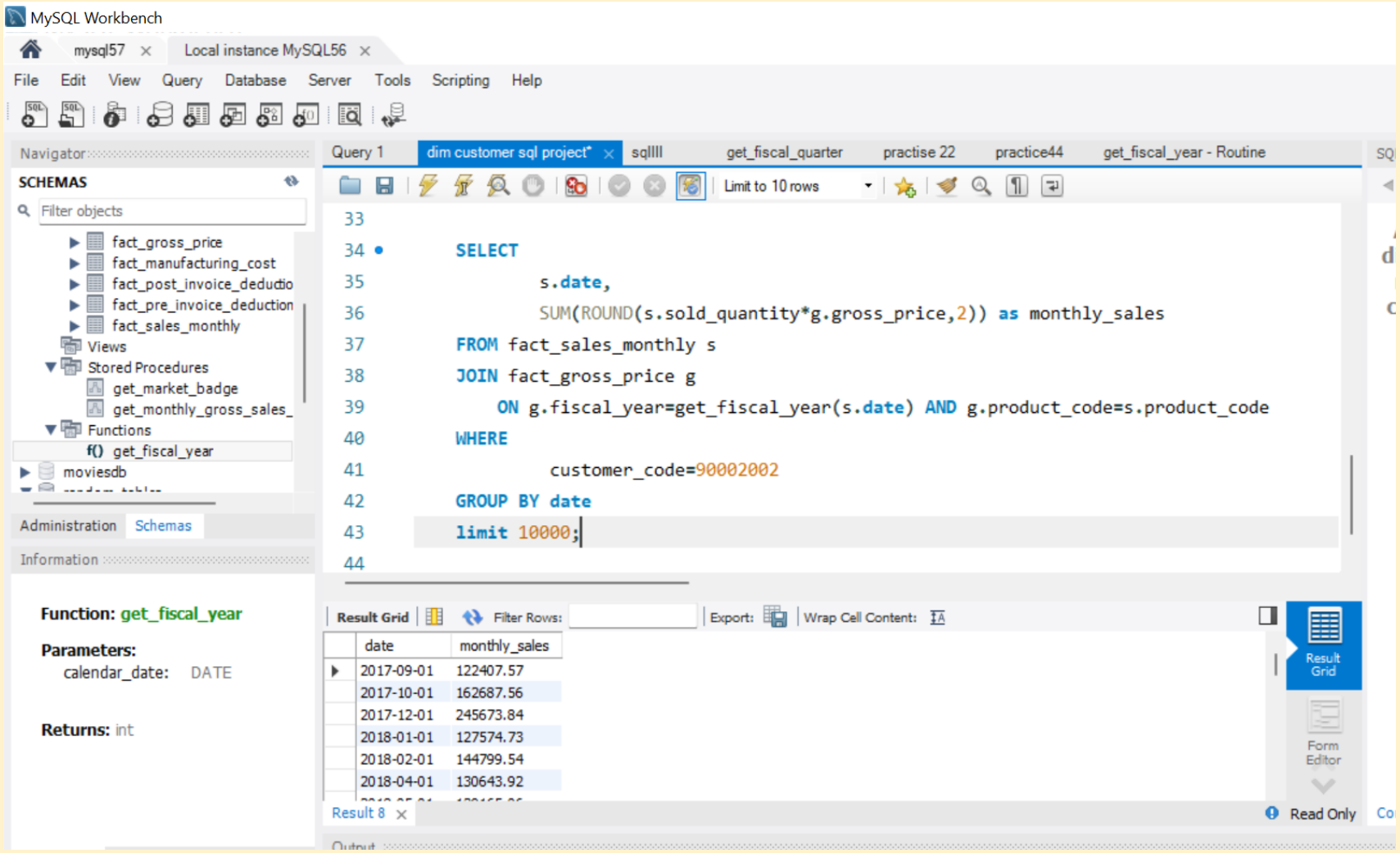
SQL QUERY

```
SELECT
        s.date,
            SUM(ROUND(s.sold_quantity*g.gross_price,2)) as
monthly_sales
            FROM fact_sales_monthly s
            JOIN fact_gross_price g
      ON g.fiscal_year=get_fiscal_year(s.date) AND
g.product_code=s.product_code
            WHERE
         customer_code=90002002
            GROUP BY date;
```

FUNCTION CREATED FOR QUERY

```
CREATE FUNCTION
`get_fiscal_year`(calendar_date DATE)
        RETURNS int
        DETERMINISTIC
        BEGIN
        DECLARE fiscal_year INT;
        SET fiscal_year =
YEAR(DATE_ADD(calendar_date, INTERVAL
4 MONTH));
        RETURN fiscal_year;
        END
```

QUERY VIEW


MySQL Workbench
mysql57
Local instance MySQL56
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
fact_gross_price
fact_manufacturing_cost
fact_post_invoice_deductio
fact_pre_invoice_deduction
fact_sales_monthly
Views
Stored Procedures
get_market_badge
get_monthly_gross_sales_
Functions
f() get_fiscal_year
moviesdb
Administration Schemas
Information
Function: get_fiscal_year
Parameters:
calendar_date: DATE
Returns: int
Query 1
dim customer sql project*
sqlll
get_fiscal_quarter
practise 22
practice44
get_fiscal_year - Routine
Limit to 10 rows
33
34 SELECT
35 s.date,
36 SUM(ROUND(s.sold_quantity*g.gross_price,2)) as monthly_sales
37 FROM fact_sales_monthly s
38 JOIN fact_gross_price g
39 ON g.fiscal_year=get_fiscal_year(s.date) AND g.product_code=s.product_code
40 WHERE
41 customer_code=90002002
42 GROUP BY date
43 limit 10000;
44
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
date monthly_sales
2017-09-01 122407.57
2017-10-01 162687.56
2017-12-01 245673.84
2018-01-01 127574.73
2018-02-01 144799.54
2018-04-01 130643.92
Result 8
Read Only
Result Grid
Form Editor
Output

REQUIRED RESULT