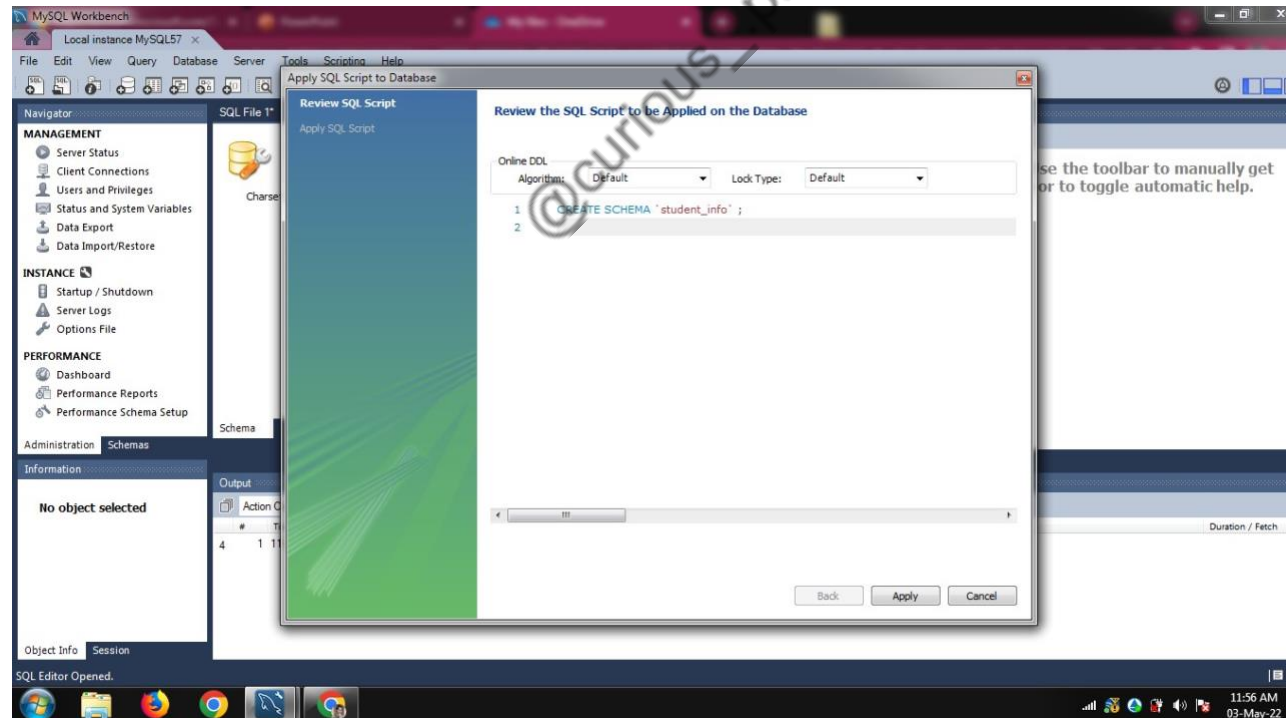


## GROUP B

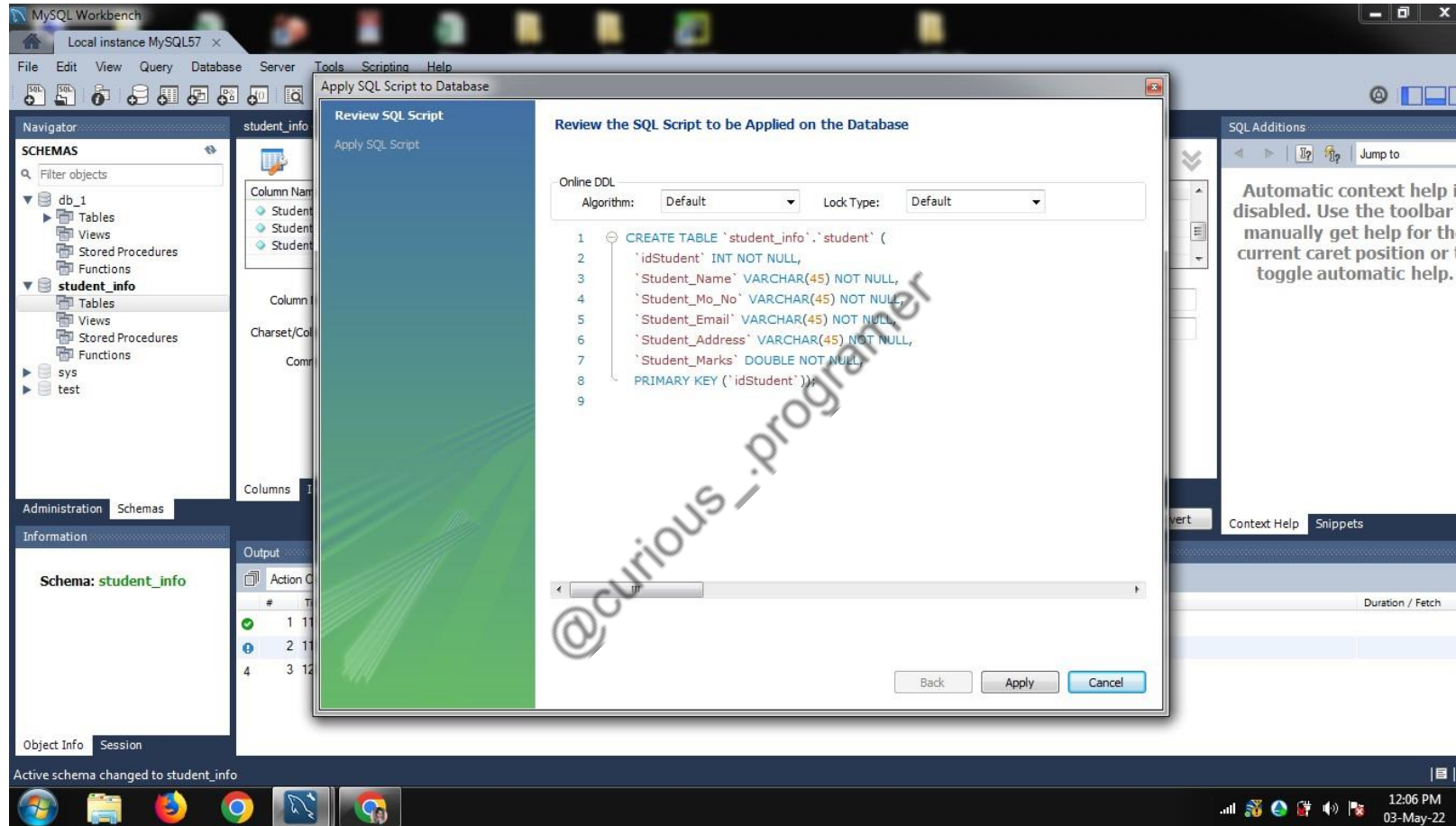
### Practical Assignment (MYSQL SS)

Basic Operations of MySQL perform on Database:

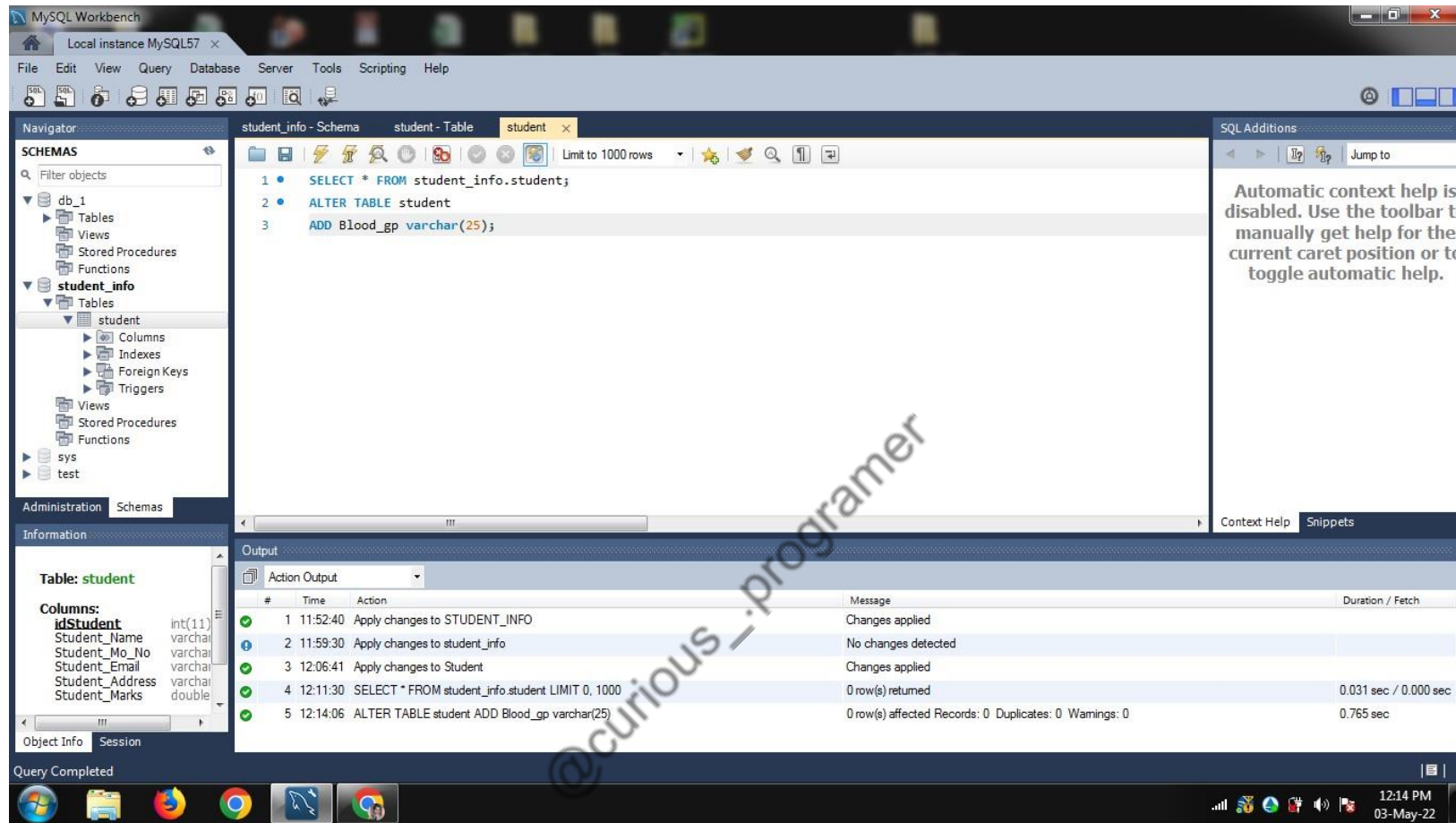
Create Database:



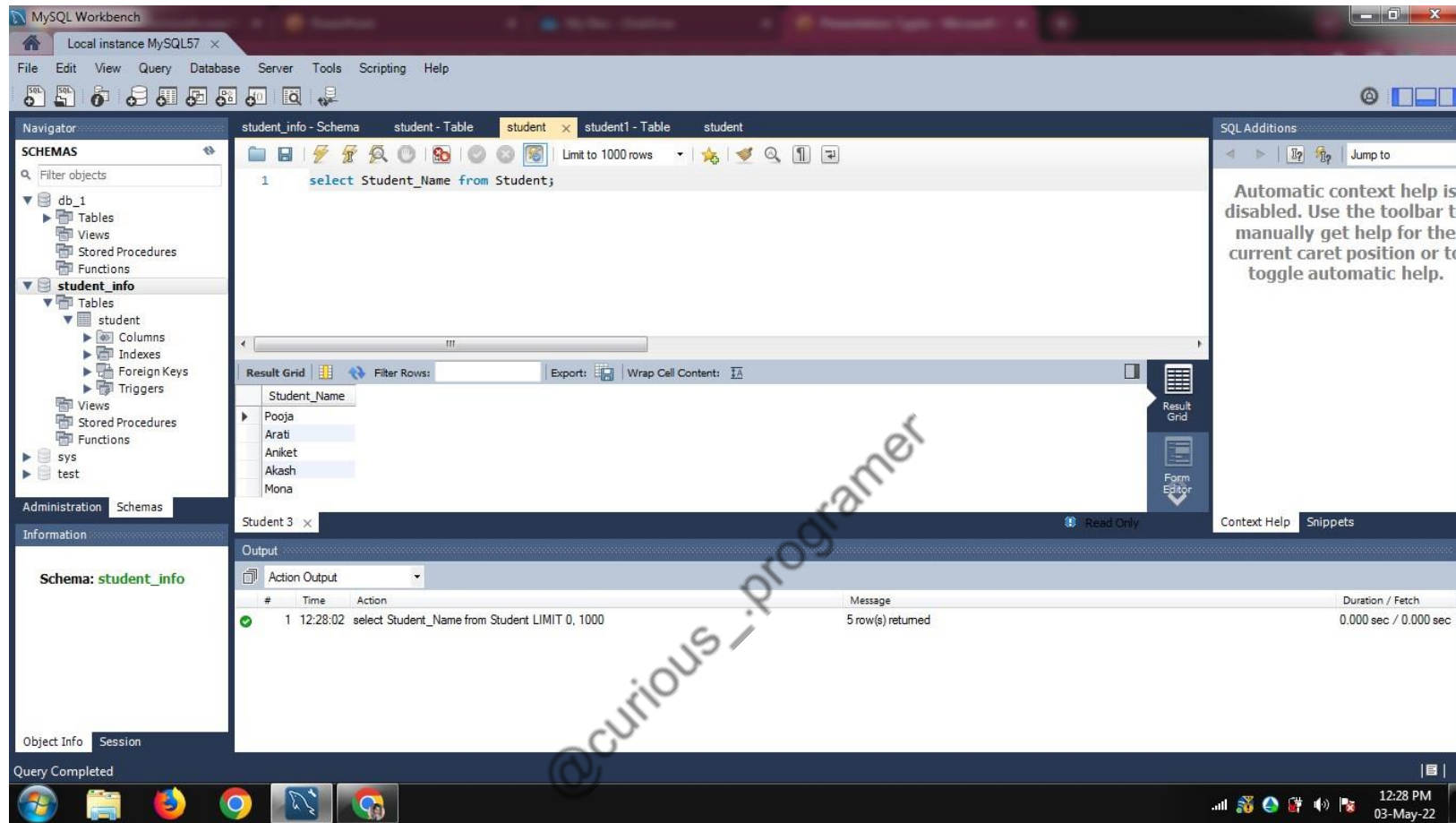
# Create Table:



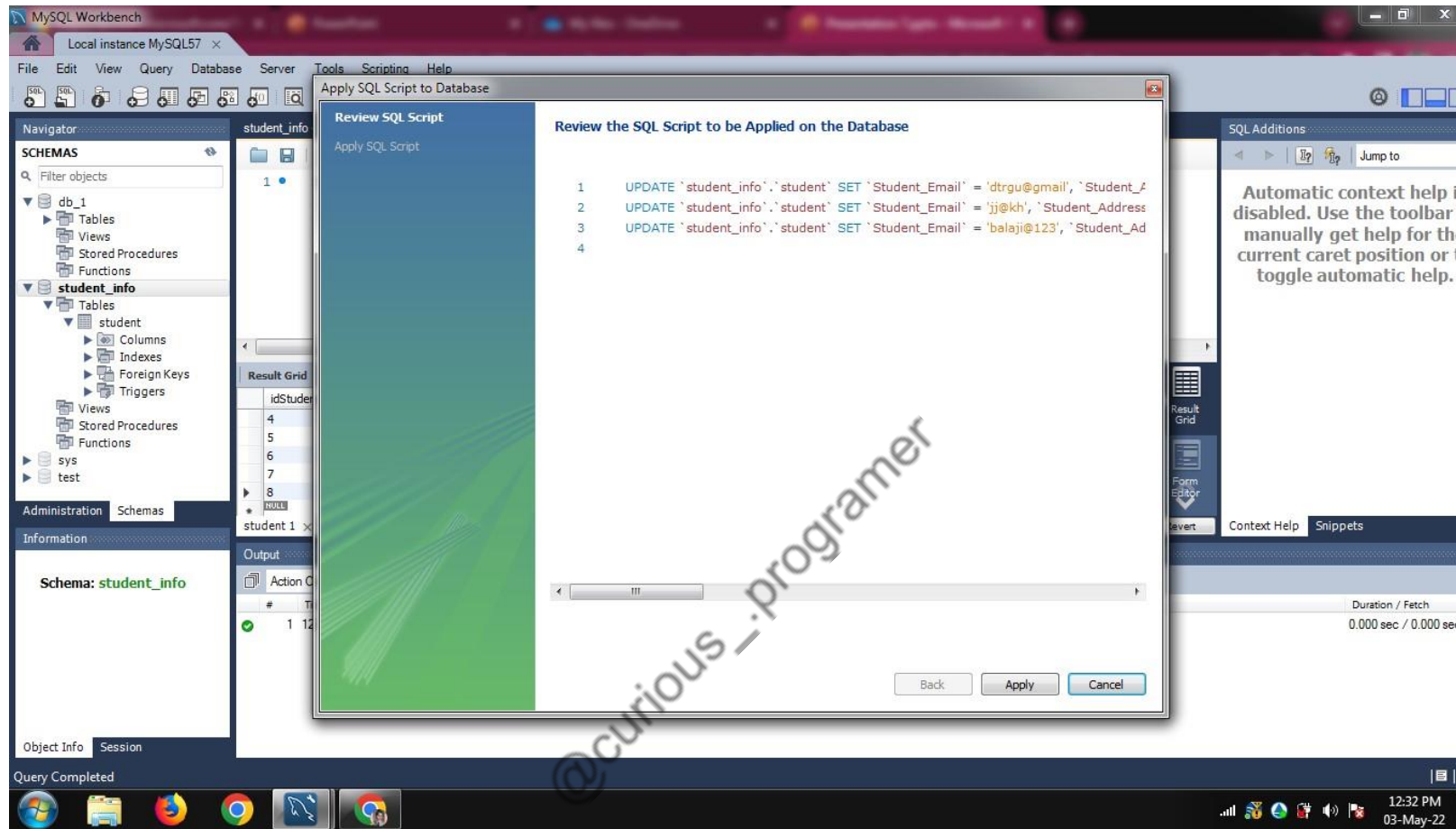
# Alter Table :



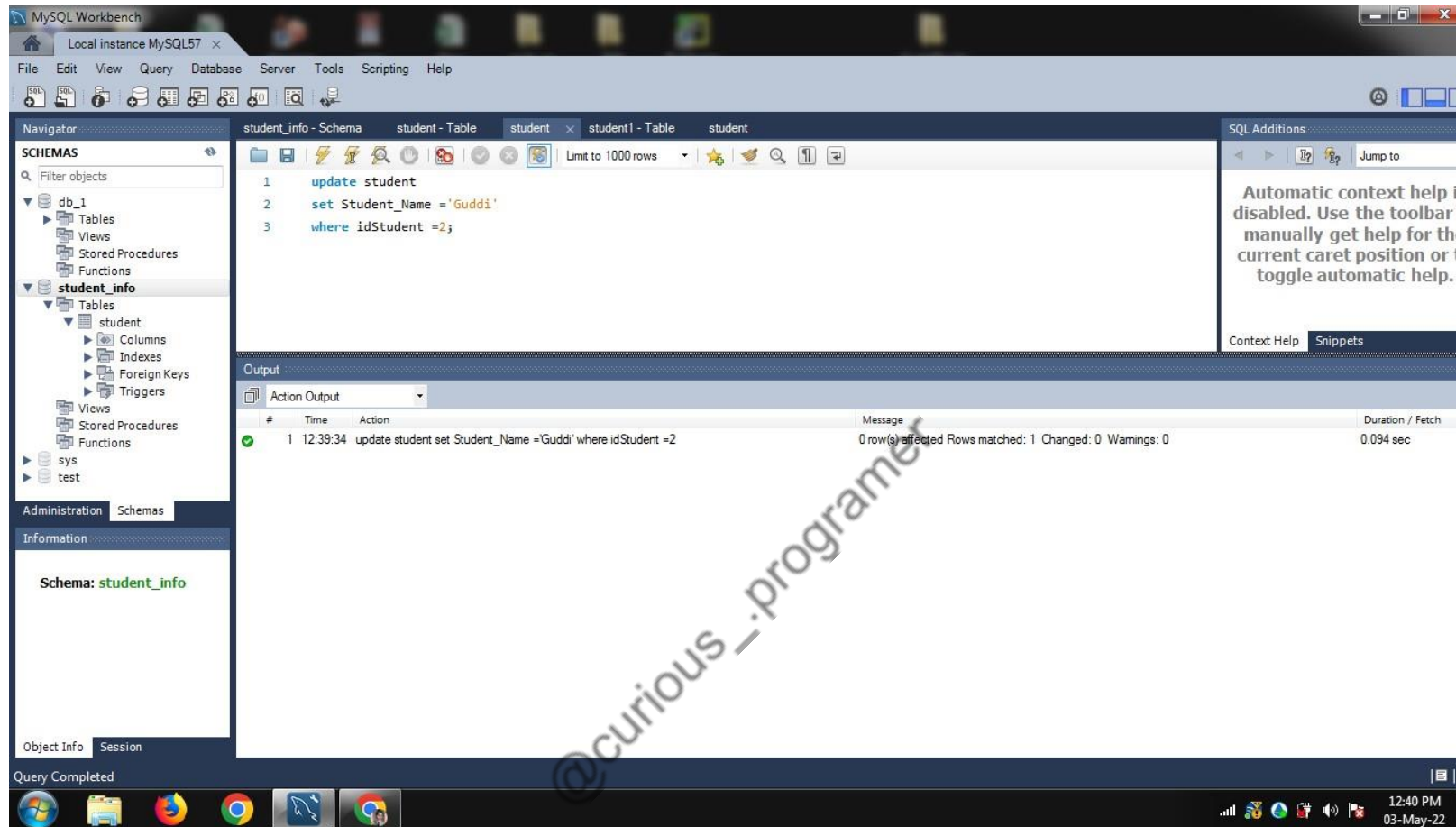
Select :



# Insert Value :

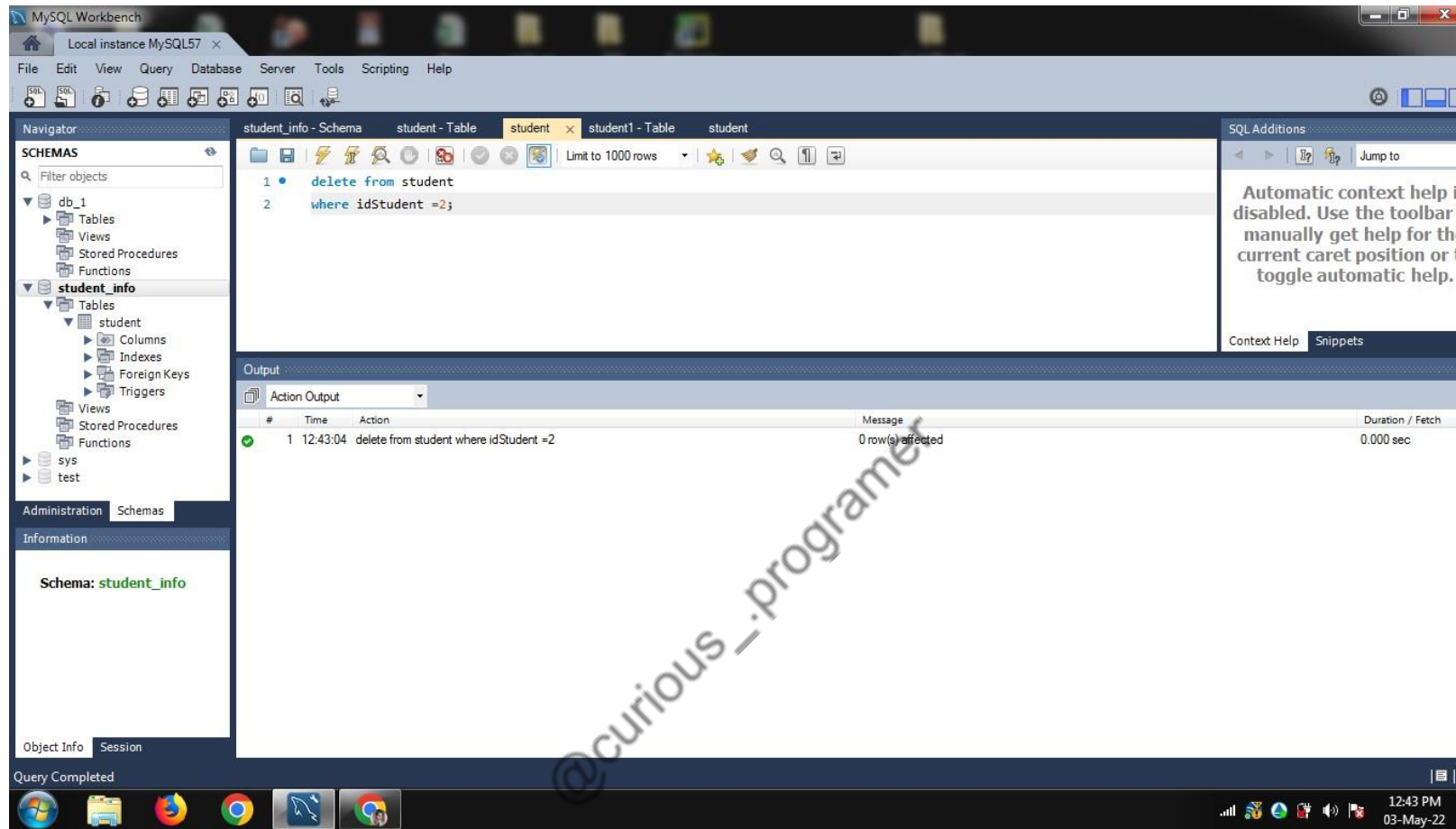


Update :



# Delete :





# Having :

MySQL Workbench

Local instance MySQL57

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db\_1

Tables

Views

Stored Procedures

Functions

student\_info

Tables

student

Columns

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Stored Procedures

Functions

sys

test

Administration Schemas

Information

Schema: student\_info

Object Info Session

Query Completed

student\_info - Schema student - Table student student1 - Table student student

Limit to 1000 rows

```
1 select COUNT(idStudent),Student_Address
2 from student
3 group by Student_Address
4 Having COUNT(idStudent)<2;
```

Result Grid

COUNT(idStudent)	Student_Address
1	delhi
1	Gaudgoan
1	morda
1	Pune
1	Tulajapur

Result 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:49:11	select COUNT(idStudent),Student_Address from student group by Student_Address Having C...	5 row(s) returned	0.047 sec / 0.000 sec

SQL Additions

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

Read Only Context Help Snippets

12:49 PM 03-May-22

# Where Clause :



MySQL Workbench

Local instance MySQL57

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db\_1

- Tables
- Views
- Stored Procedures
- Functions

student\_info

- Tables
  - student
    - Columns
    - Indexes
    - Foreign Keys
    - Triggers
- Views
- Stored Procedures
- Functions

sys

test

Administration Schemas

Information

Schema: student\_info

Object Info Session

Query Completed

student\_info - Schema student - Table student student student

Limit to 1000 rows

```
1 SELECT * FROM student
2 where idStudent=1;
```

Result Grid

idStudent	Student_Name	Student_Mo_No	Student_Email	Student_Address	Student_Marks	Blood_gp
1	Pooja	1111	aru	Solapur	90	A-

SQL Additions

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

student 2

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:53:00	SELECT * FROM student where idStudent=1 LIMIT 0, 1000	1 row(s) returned	0.078 sec / 0.000 sec

Windows Taskbar

12:53 PM 03-May-22

# Order By Clause :

MySQL Workbench

Local instance MySQL57

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db\_1

- Tables
- Views
- Stored Procedures
- Functions

student\_info

- Tables
  - student
    - Columns
    - Indexes
    - Foreign Keys
    - Triggers
  - Views
  - Stored Procedures
  - Functions
- sys
- test

Administration Schemas

Information

Schema: student\_info

Object Info Session

Query Completed

student\_info - Schema student - Table student

Limit to 1000 rows

```
1 SELECT * FROM student
2 order by idStudent DESC;
```

Result Grid

	idStudent	Student_Name	Student_Mo_No	Student_Email	Student_Address	Student_Marks	Blood_gp
▶	8	Balaji	456765	balaji@123	Solapur	33	O
	7	Amol	8769	jj@kh	morda	45	B
	6	Vedika	657	dtrgu@gmail	delhi	76	A
	5	Mona	12345	mONA09090	Gaudgoan	95	AB+
	4	Akash	3214	AKASH121	Pune	80	A+
	3	Aniket	1212	aniket1234	Tulajapur	78	AB
	1	Pooja	1111	aru	Solapur	90	A-
✱	NULL	NULL	NULL	NULL	NULL	NULL	NULL

student 2

Apply Revert

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	12:55:08	SELECT * FROM student order by idStudent DESC LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

SQL Additions

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

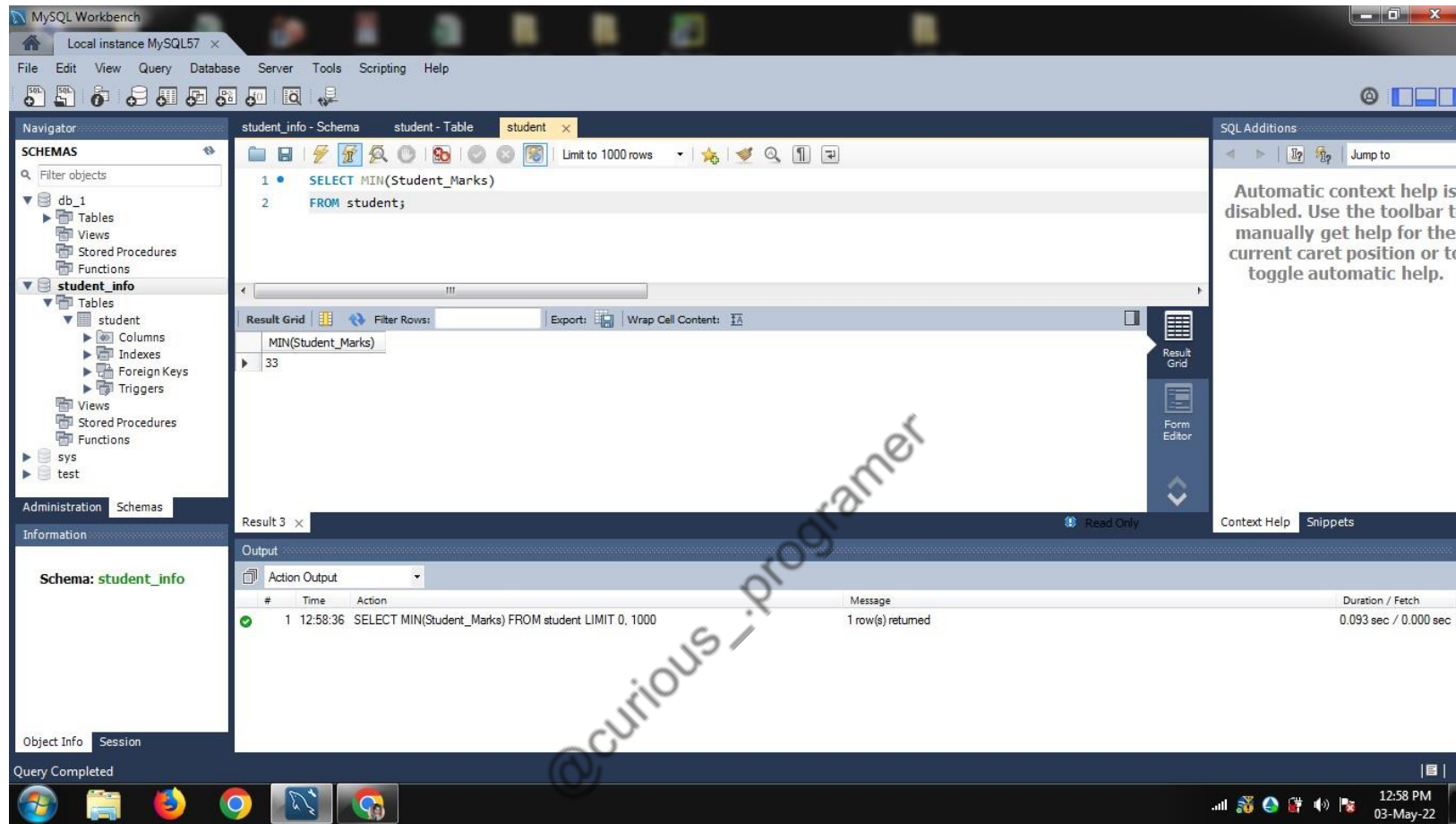
@curious\_programmer

12:55 PM 03-May-22

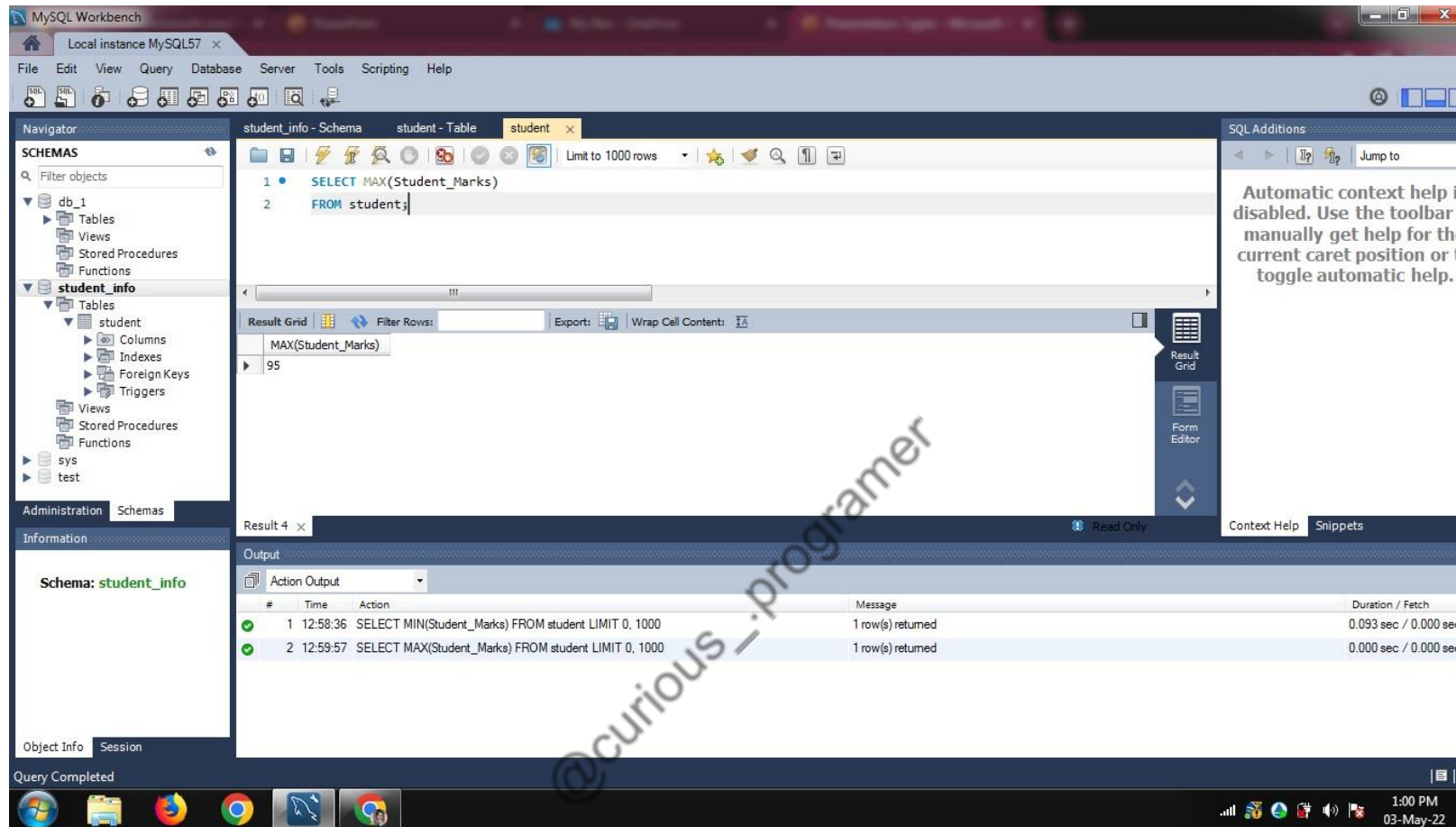
# Minimum Function

- 
- 

@curious\_programmer



# Maximum Function :



# Average Function :

MySQL Workbench

Local instance MySQL57

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Navigator

SCHEMAS

Filter objects

db\_1

- Tables
- Views
- Stored Procedures
- Functions

student\_info

- Tables
  - student
    - Columns
    - Indexes
    - Foreign Keys
    - Triggers
- Views
- Stored Procedures
- Functions

sys

test

Administration Schemas

Information

Schema: student\_info

Object Info Session

Query Completed

student\_info - Schema student - Table student

Limit to 1000 rows

```
1 SELECT AVG(Student_Marks)
2 FROM student;
```

Result Grid

AVG(Student_Marks)
71

SQL Additions

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

Result Grid Form Editor

Read Only Context Help Snippets

Output

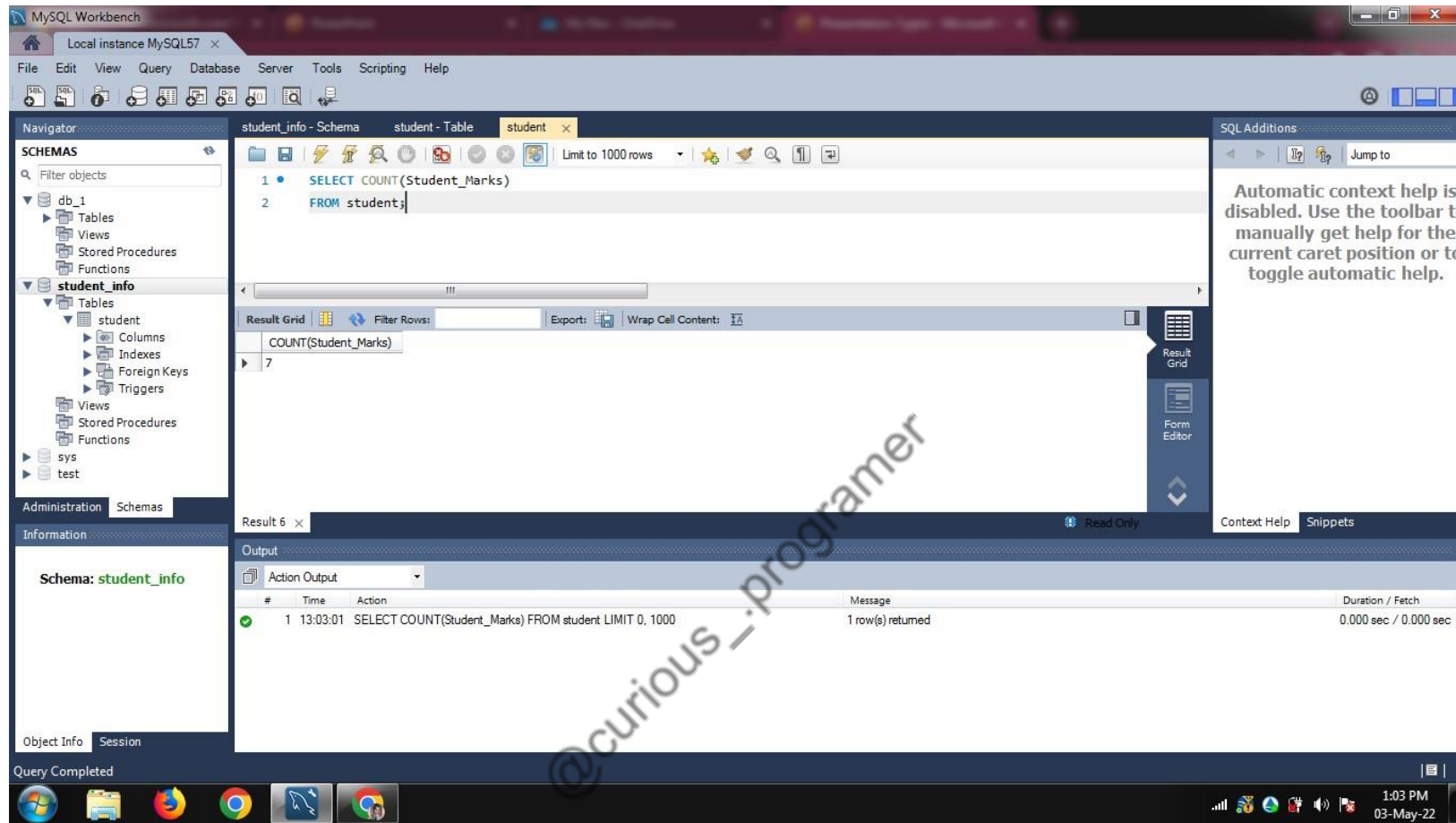
Action Output

#	Time	Action	Message	Duration / Fetch
1	13:01:34	SELECT AVG(Student_Marks) FROM student LIMIT 0, 1000	1 row(s) returned	0.032 sec / 0.000 sec

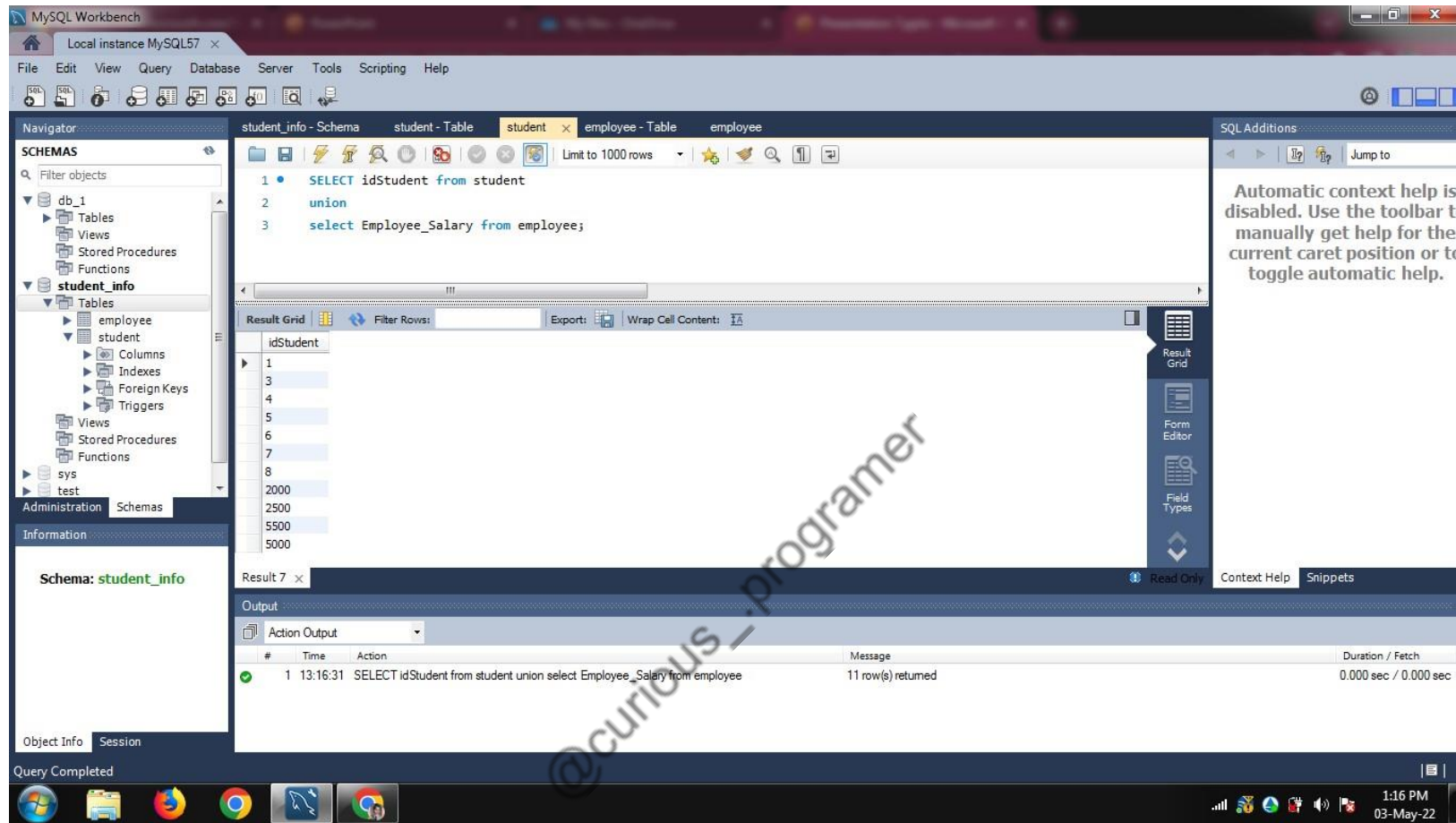
@curious\_programmer

# Count Function :

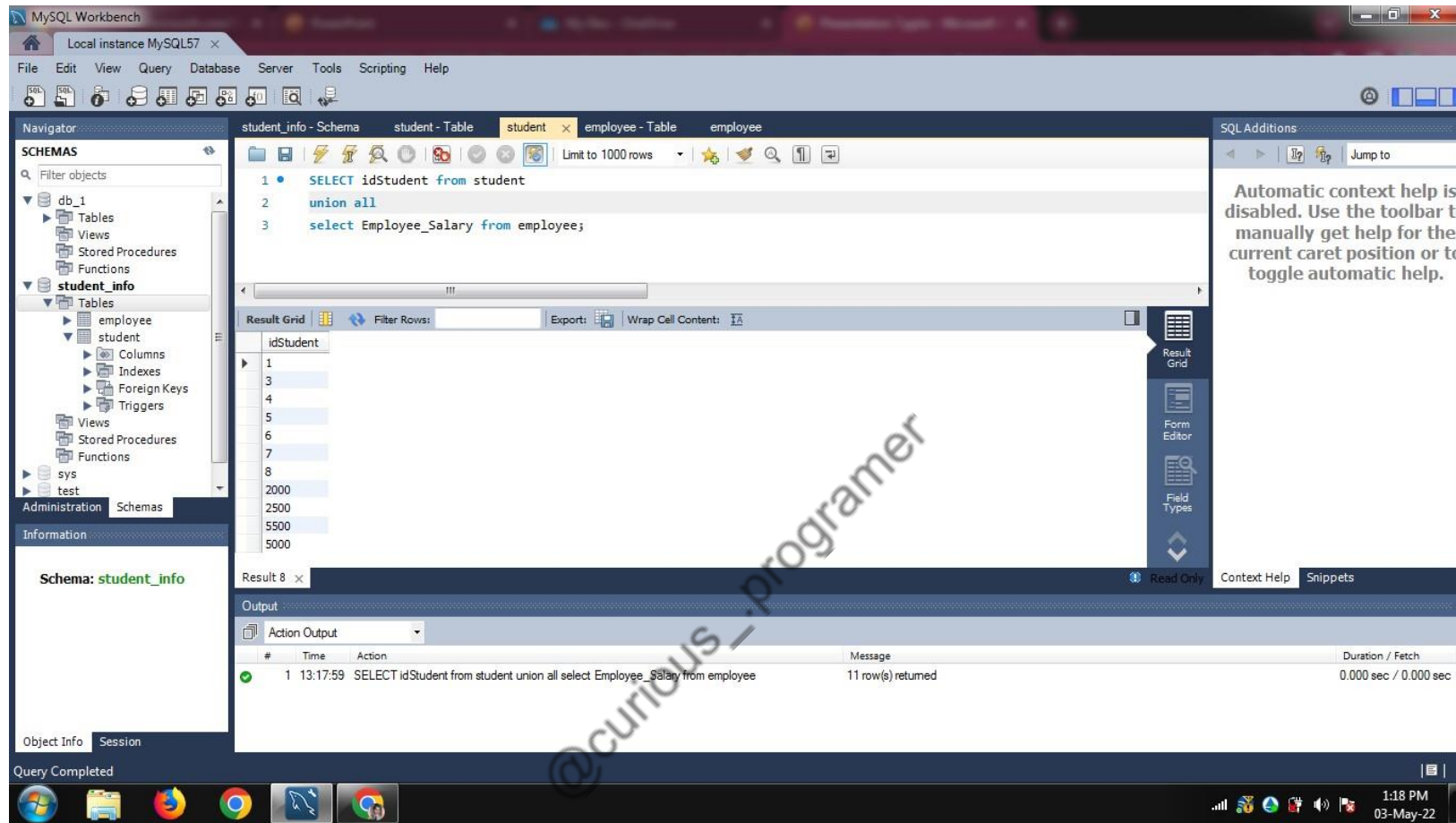




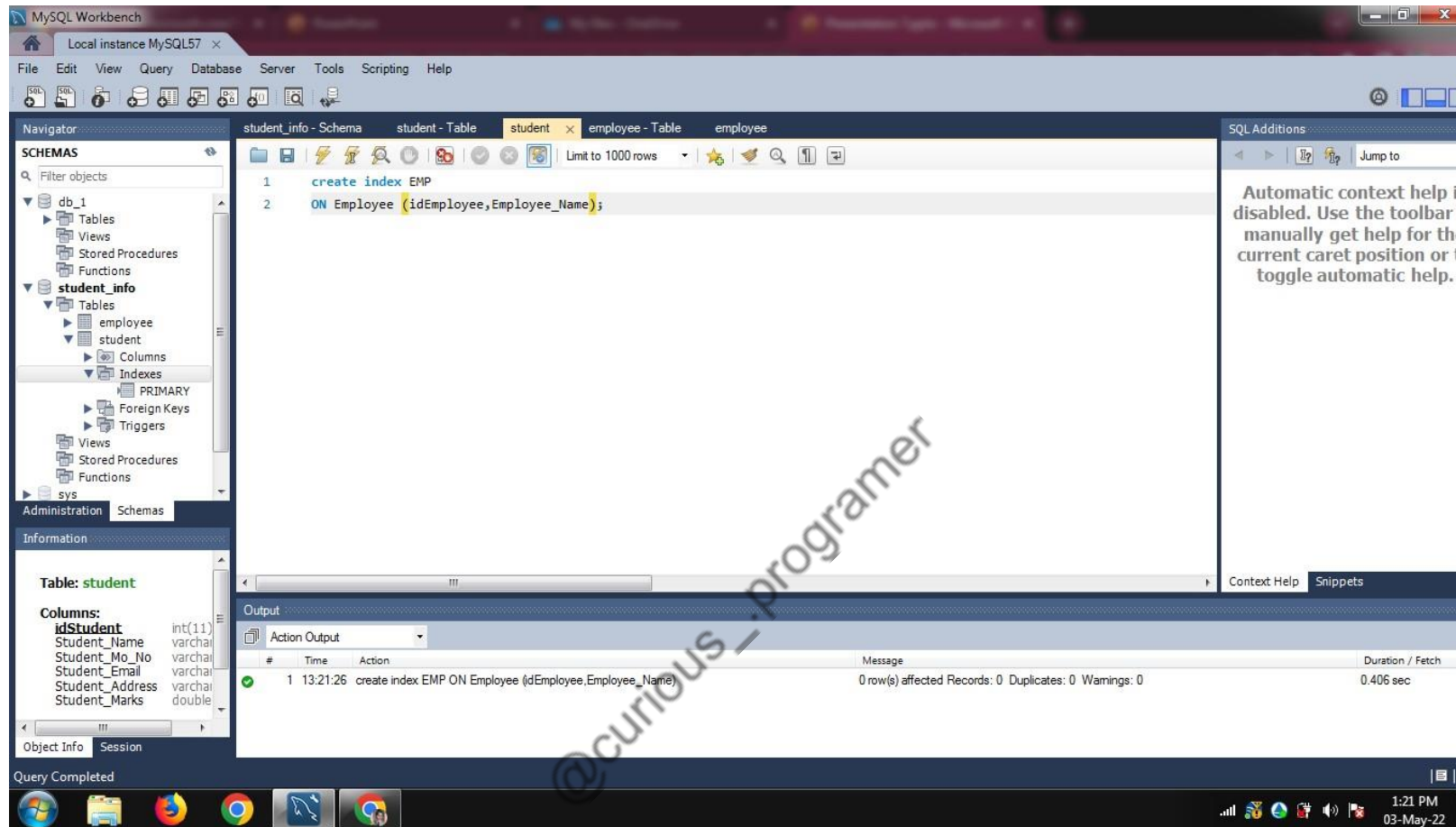
# Union Function :



# Union All Function



# Index Create :



Like Predicate :

MySQL Workbench

Local instance MySQL57

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db\_1

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PRIMARY

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sys

Administration Schemas

Information

Table: student

Columns:

idStudent int(11)

Student\_Name varchar

Student\_Mo\_No varchar

Student\_Email varchar

Student\_Address varchar

Student\_Marks double

Object Info Session

Query Completed

student\_info - Schema student - Table student employee - Table employee

Limit to 1000 rows

```
1 select Employee_Name, Employee_Salary
2 from employee
3 where Employee_Name LIKE 'A%';
```

Result Grid

Employee_Name	Employee_Salary
Arati	2500
Aniket	5500

SQL Additions

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

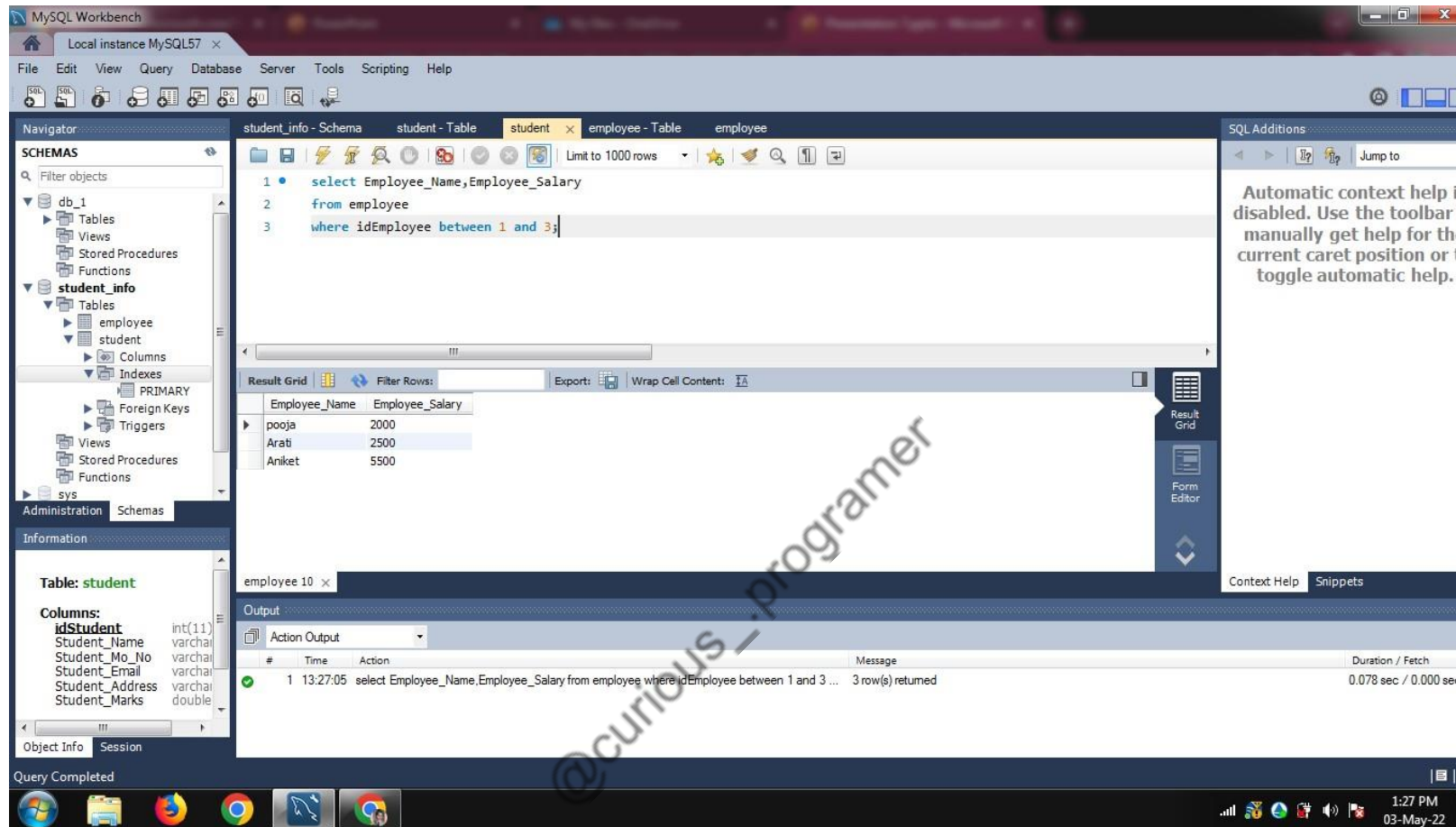
#	Time	Action	Message	Duration / Fetch
1	13:25:14	select Employee_Name, Employee_Salary from employee where Employee_Name LIKE 'A%' LI...	2 row(s) returned	0.016 sec / 0.000 sec

Windows Taskbar

1:25 PM 03-May-22

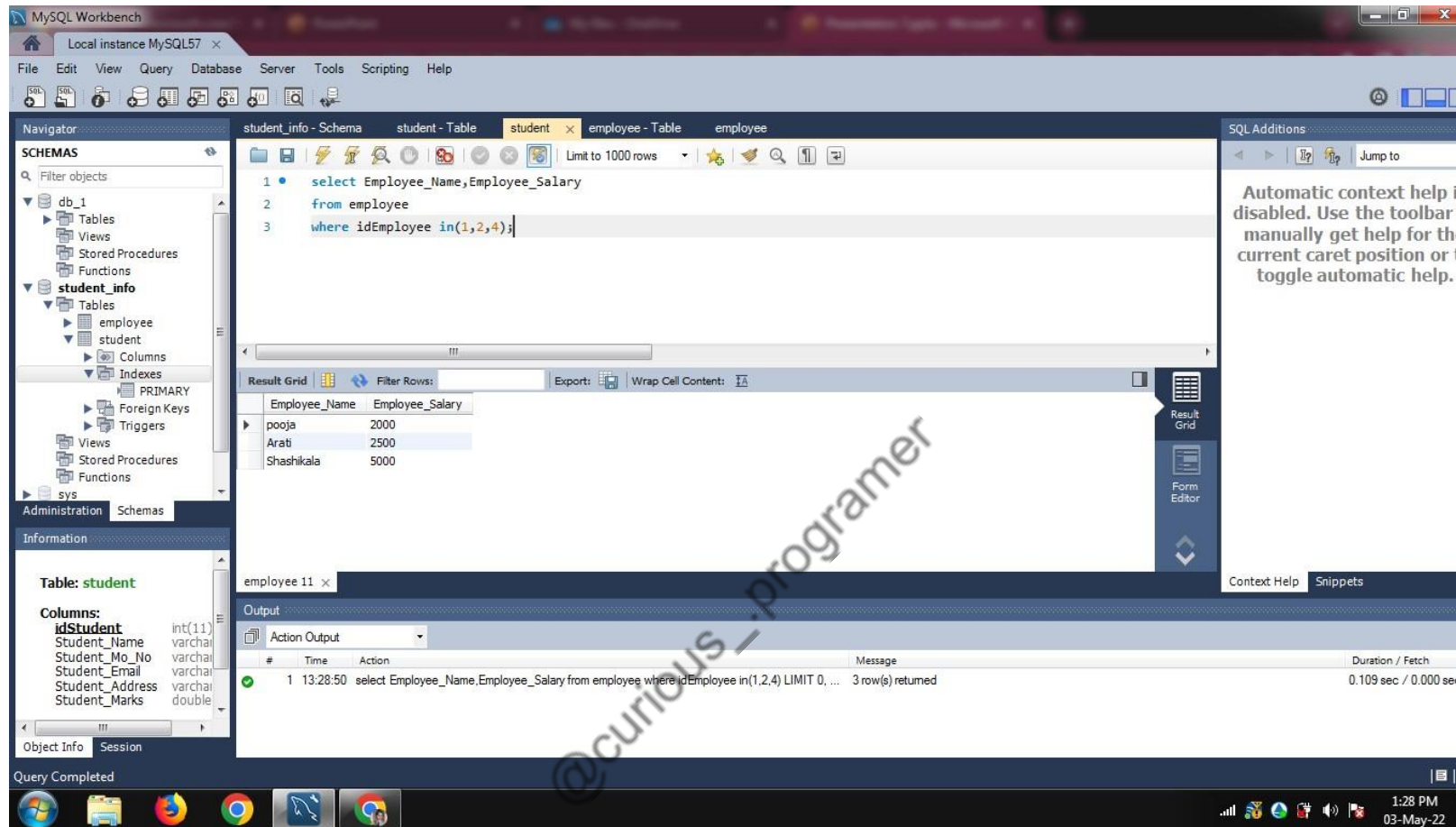
Between Operator :



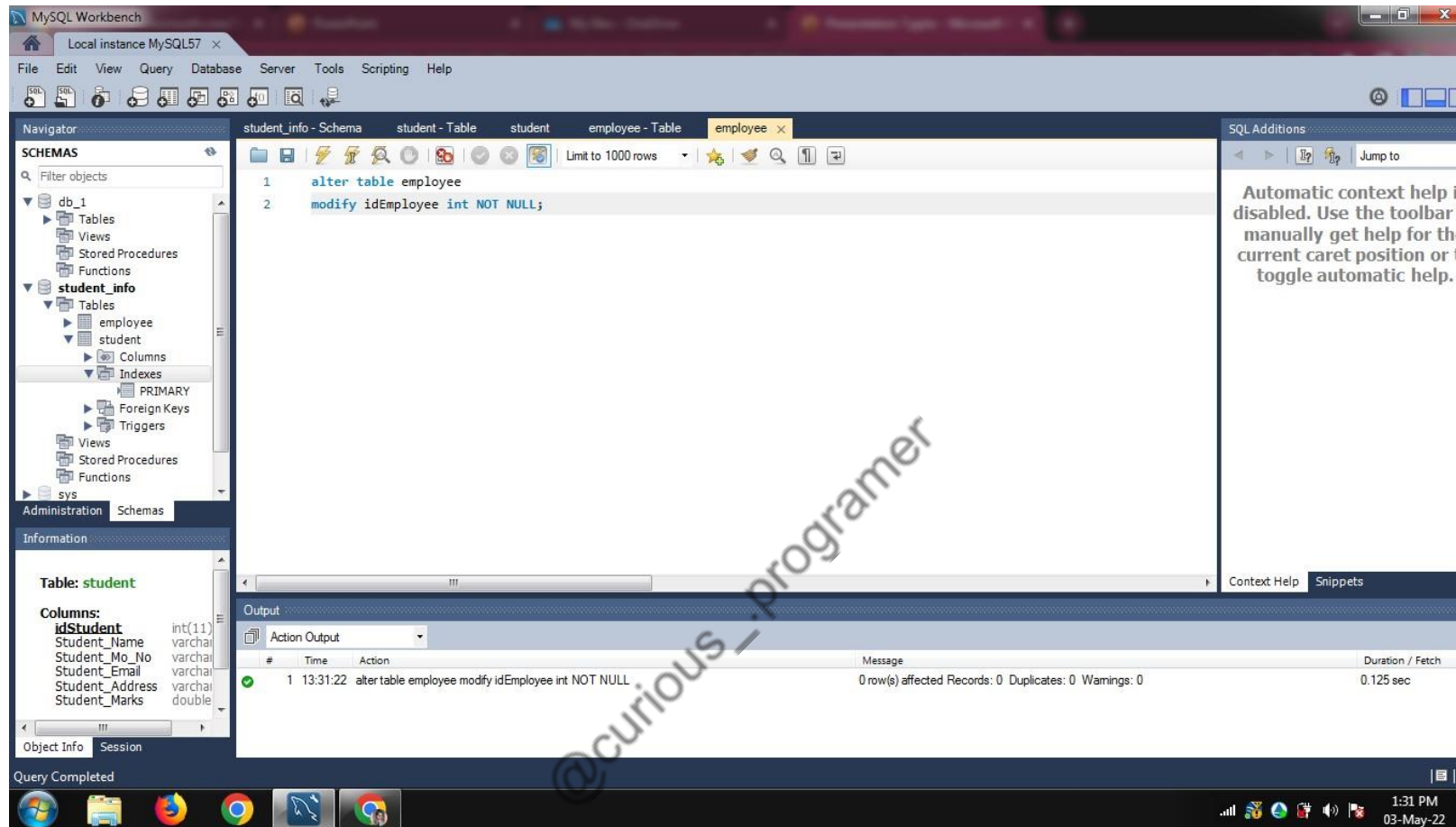


In Operator :

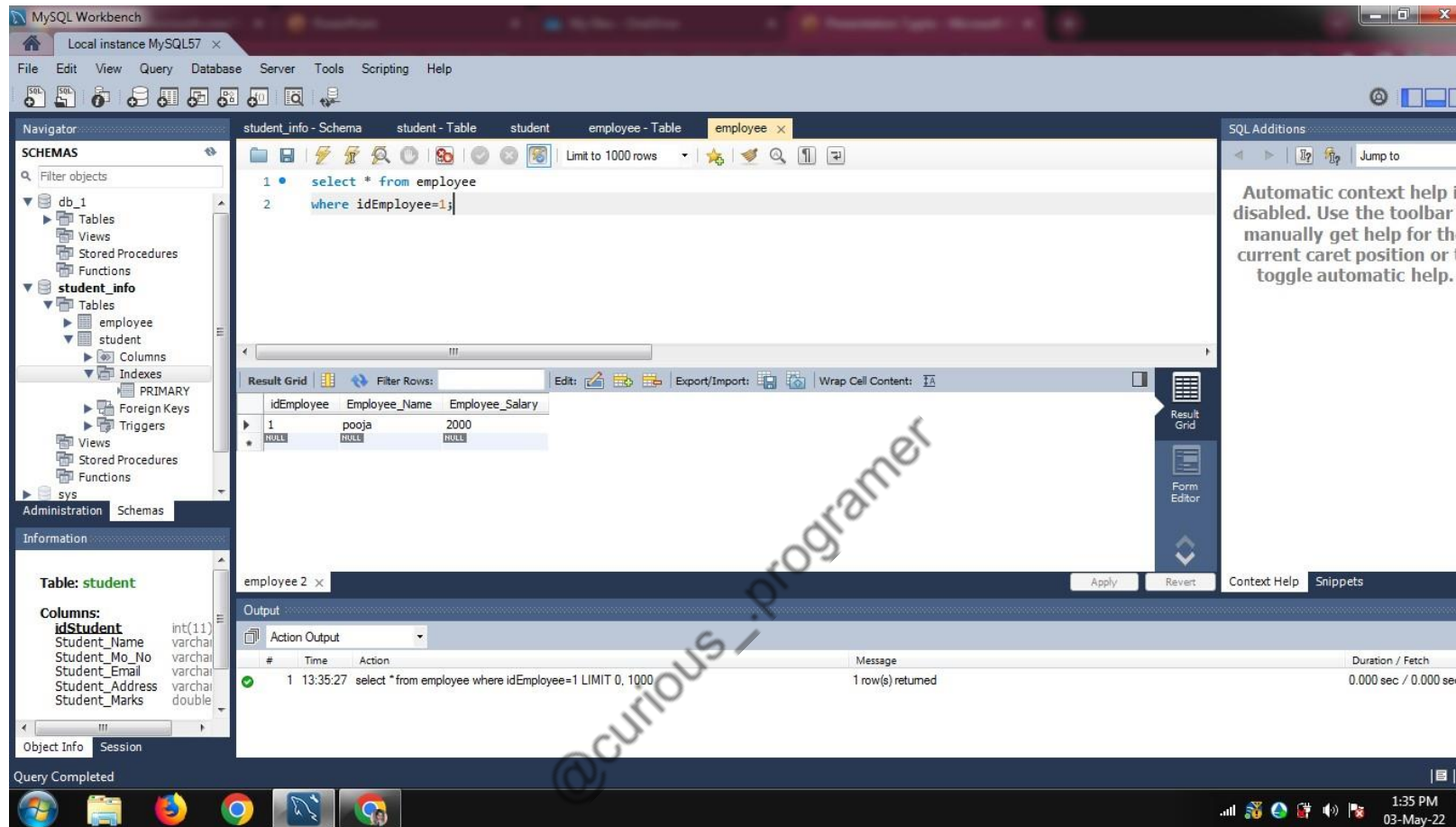




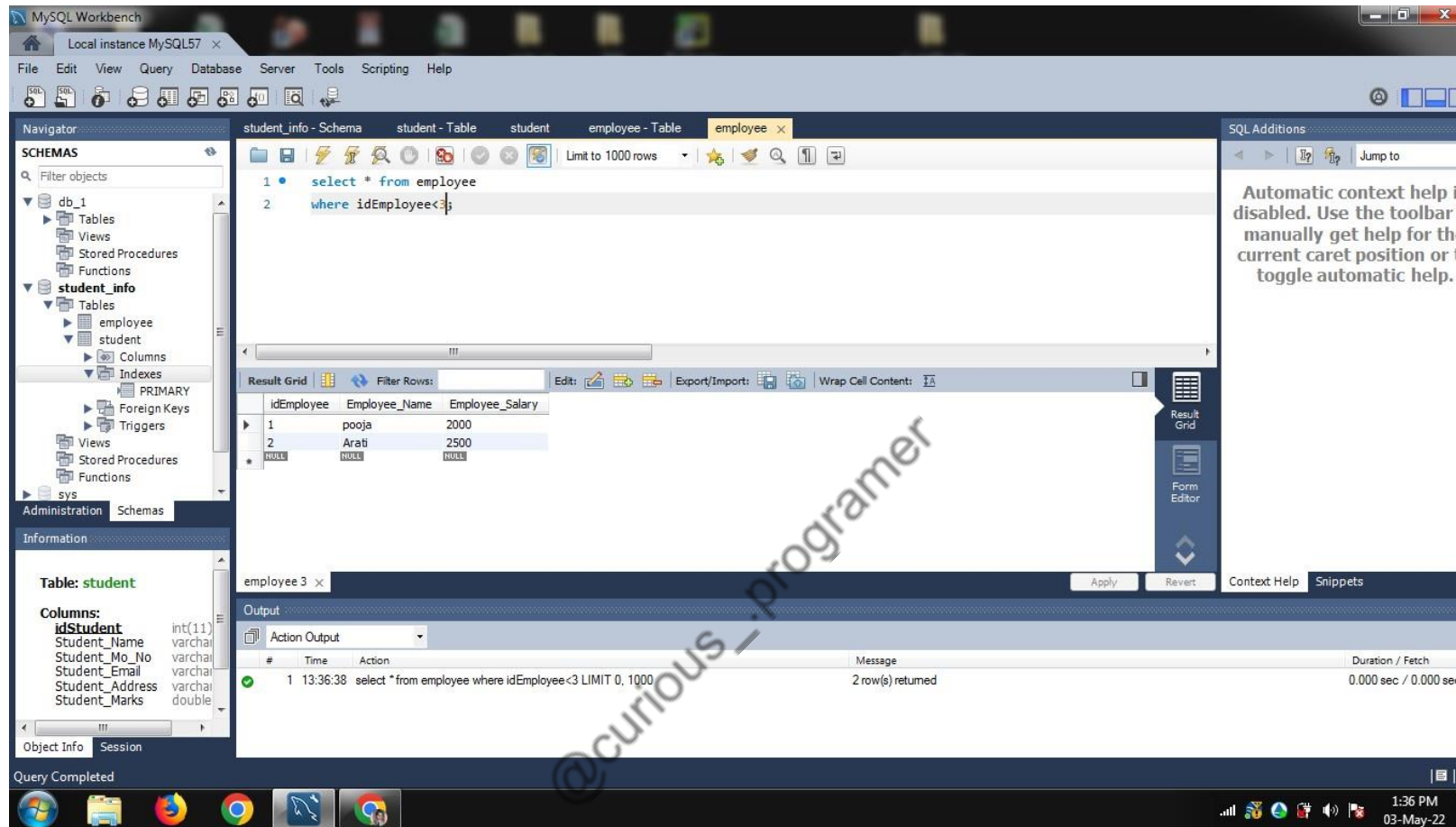
# Not Null Constraint :



Comparison Operators :  
Equal to:



Less than :



Greater Than:

MySQL Workbench

Local instance MySQL57

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db\_1

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Stored Procedures

Functions

sys

Administration Schemas

Information

Table: student

Columns:

idStudent int(11)

Student\_Name varchar

Student\_Mo\_No varchar

Student\_Email varchar

Student\_Address varchar

Student\_Marks double

Object Info Session

Query Completed

student\_info - Schema student - Table student employee - Table employee

Limit to 1000 rows

```
1 select * from employee
2 where idEmployee>1;
```

Result Grid

idEmployee	Employee_Name	Employee_Salary
2	Arabi	2500
3	Aniket	5500
4	Shashikala	5000
NULL	NULL	NULL

SQL Additions

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

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	13:37:50	select * from employee where idEmployee>1 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

@curious\_programmer

Not Equal to :



MySQL Workbench

Local instance MySQL57

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db\_1

Tables

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Stored Procedures

Functions

student\_info

Tables

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Information

Table: student

Columns:

idStudent int(11)

Student\_Name varchar

Student\_Mo\_No varchar

Student\_Email varchar

Student\_Address varchar

Student\_Marks double

Object Info Session

Query Completed

student\_info - Schema student - Table student employee - Table employee

Limit to 1000 rows

```
1 select * from employee
2 where idEmployee <> 3;
```

Result Grid

idEmployee	Employee_Name	Employee_Salary
1	pooja	2000
2	Arati	2500
4	Shashikala	5000
NULL	NULL	NULL

employee 5

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	13:39:22	select * from employee where idEmployee <> 3 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

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

Join Left :



MySQL Workbench

Local instance MySQL57

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db\_1

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Administration Schemas

Information

Table: student

Columns:

idStudent int(11)

Student\_Name varchar

Student\_Mo\_No varchar

Student\_Email varchar

Student\_Address varchar

Student\_Marks double

Object Info Session

Query Completed

student\_info - Schema student - Table student employee - Table employee

Limit to 1000 rows

```
1 select employee.Employee_Name, employee.Employee_Salary
2 from employee
3 left join student
4 on employee.idEmployee=student.idStudent;
```

Result Grid

Employee_Name	Employee_Salary
pooja	2000
Arati	2500
Aniket	5500
Shashikala	5000

Result 12

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	13:42:45	select employee.Employee_Name, employee.Employee_Salary from employee left join student o...	4 row(s) returned	0.000 sec / 0.000 sec

Context Help Snippets

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

@curious\_programmer

# Right Join :

MySQL Workbench

Local instance MySQL57

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db\_1

Tables

Views

Stored Procedures

Functions

student\_info

Tables

employee

student

Columns

Indexes

PRIMARY

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sys

Administration Schemas

Information

Table: student

Columns:

idStudent int(11)

Student\_Name varchar

Student\_Mo\_No varchar

Student\_Email varchar

Student\_Address varchar

Student\_Marks double

Object Info Session

Query Completed

student\_info - Schema student - Table student employee - Table employee

Limit to 1000 rows

```
1 select employee.Employee_Name, employee.Employee_Salary
2 from employee
3 right join student
4 on employee.idEmployee=student.idStudent;
```

Result Grid

Employee_Name	Employee_Salary
pooja	2000
Aniket	5500
Shashikala	5000
NULL	NULL
NULL	NULL
NULL	NULL
NULL	NULL

Result 13

Output

Action Output

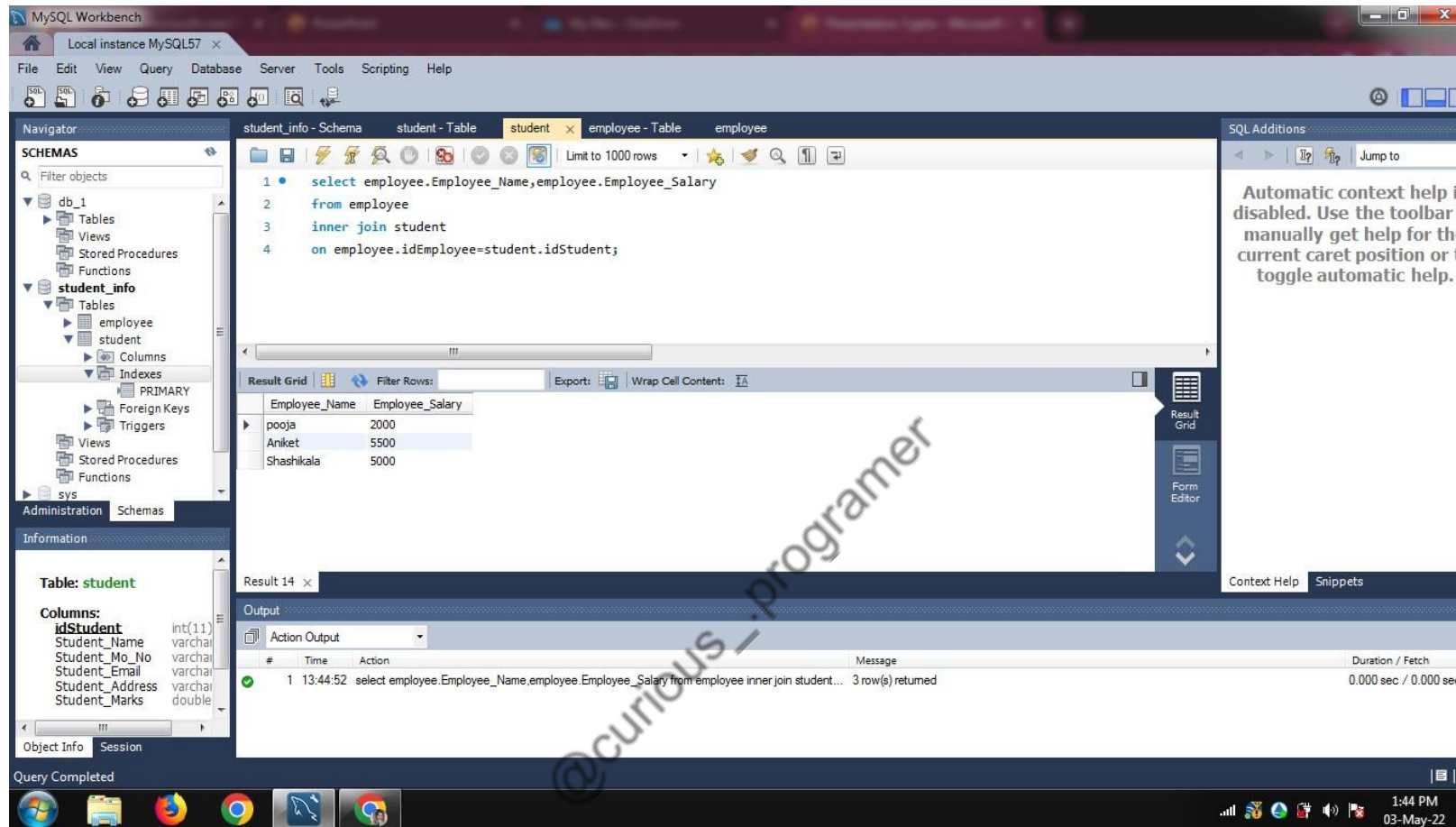
#	Time	Action	Message	Duration / Fetch
1	13:43:46	select employee.Employee_Name, employee.Employee_Salary from employee right join student ...	7 row(s) returned	0.000 sec / 0.000 sec

Context Help Snippets

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

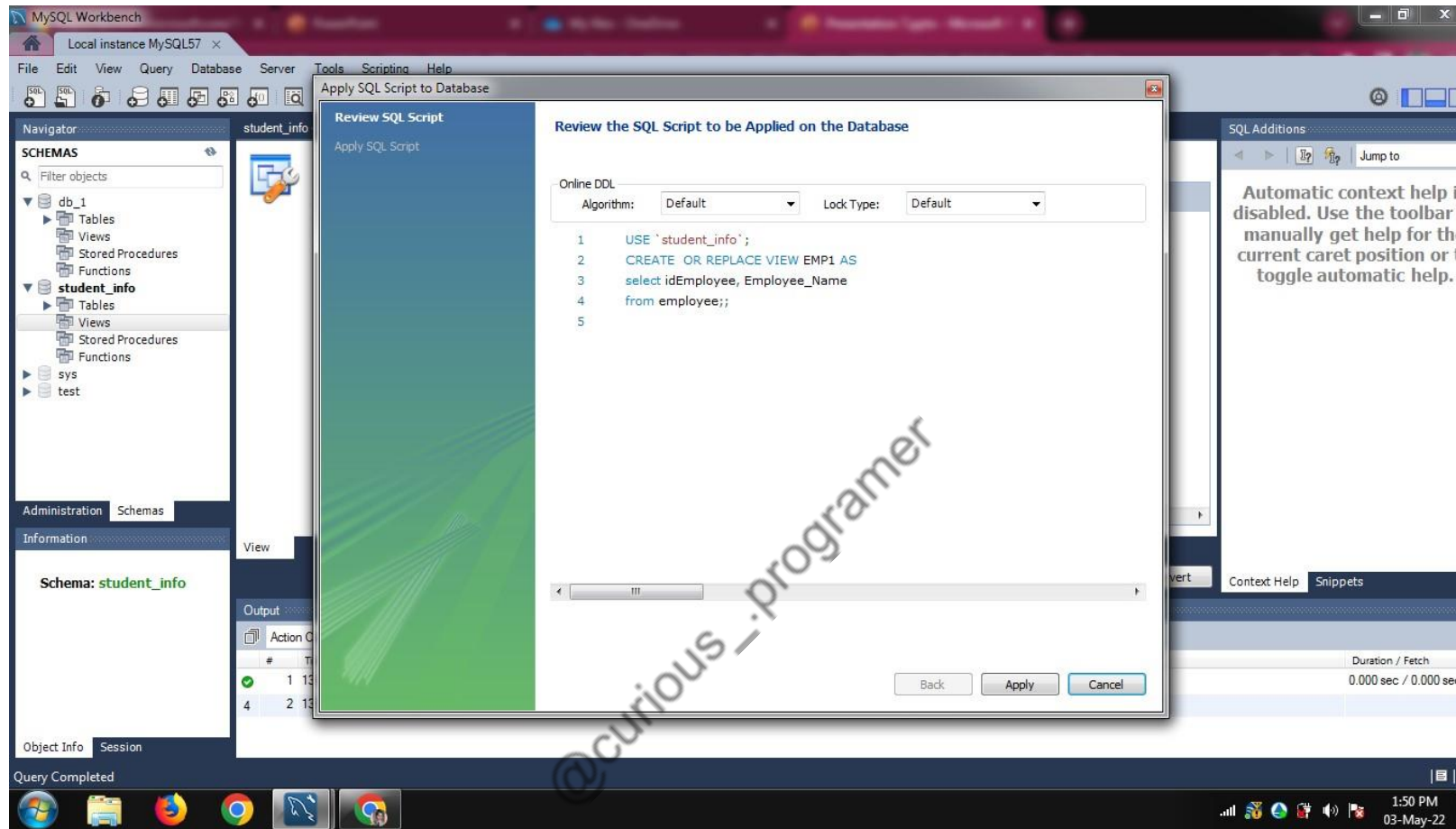
@curious\_programmer

# Inner Join :

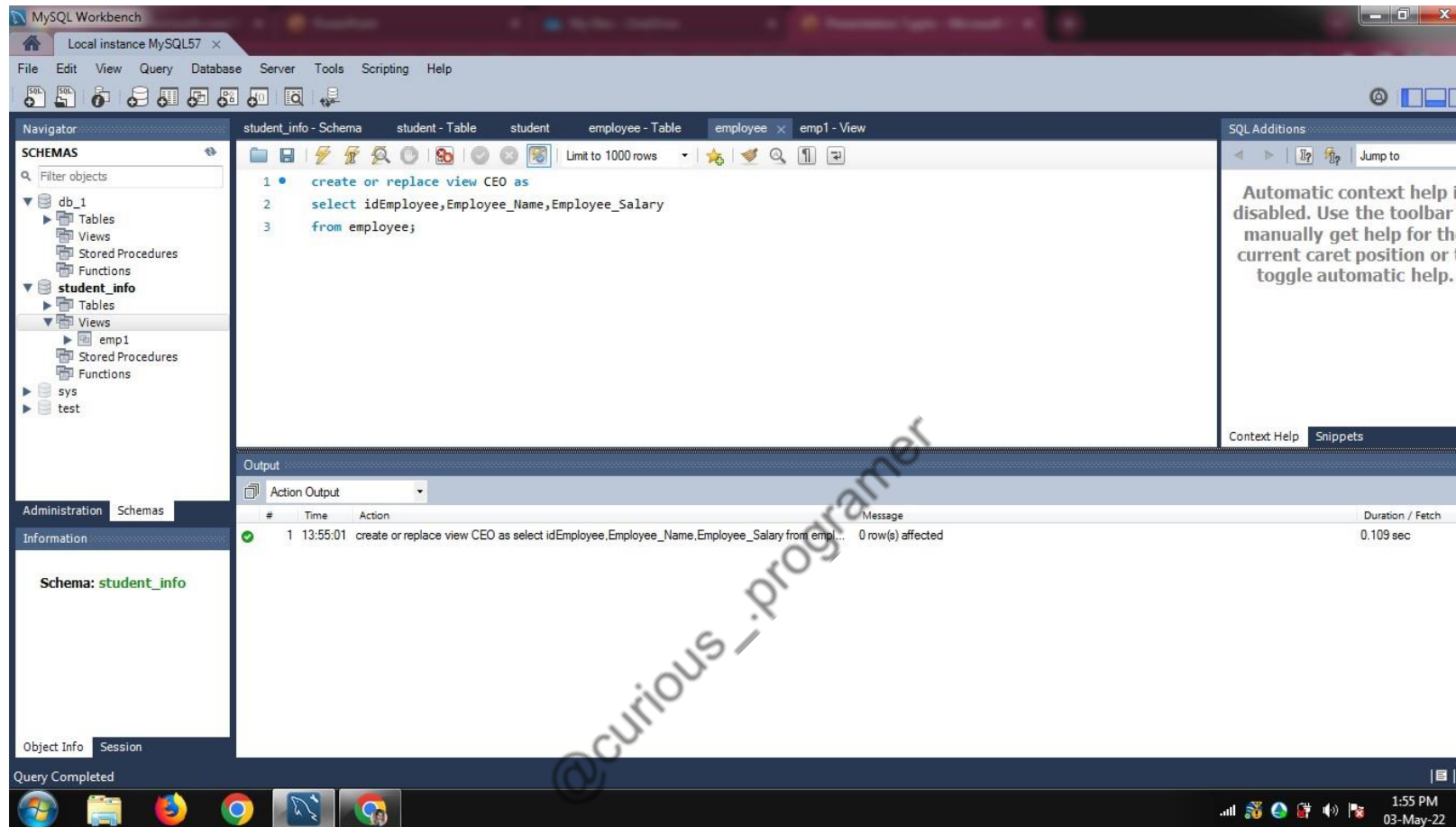


# View :

create :



Update :



Delete :

