Information System Management Lab
BCOM 307

Assignment #11

Submitted by:

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Semester: B.Com(H) 5th Semester
Class: B.COM(H)
Section: B.Com 5A
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Department of Commerce

Academic Year: 2020-21

Semester: Vth

Assignment No.11
Unit No:

Course/Subject Code: BCOM 307 **Subject Title: Information System Management Lab**
Issue Date: **Last Date of Submission:**

Instructions for Students:

1. **All Questions are Compulsory.**
2. The student should attach proper cover page for each assignment clearly mentioning theAssignment No.
3. Each assignment should be prepared by the student individually with proper explaination andscreenshots.
4. A4 size ruled sheets should be used for the assignment.
5. Assignment pages should be serially numbered at the bottom of page.

During online education mode, upload scanned copy of the complete assignment including cover page latest by due date.

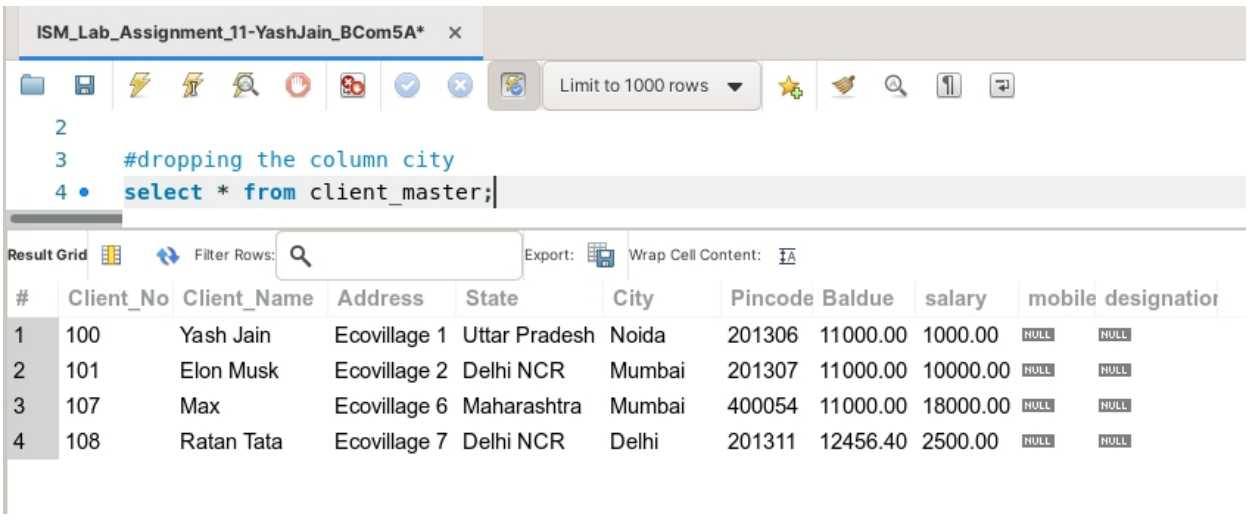
Question No.	Question	CO No.
1	Drop the City Column from Client_Master table.	**CO1, CO2, CO3**
2	Change the column 'Name' size to 35.	
3	Change the name of table 'client_master' to clients.	
4	Create a table temp, insert 3 values and Truncate table in the database.	
5	Delete the table temp from the database.	

ASSIGNMENT 11 - ALTER COMMAND III

Task 1 : Drop the City Column from Client_Master table

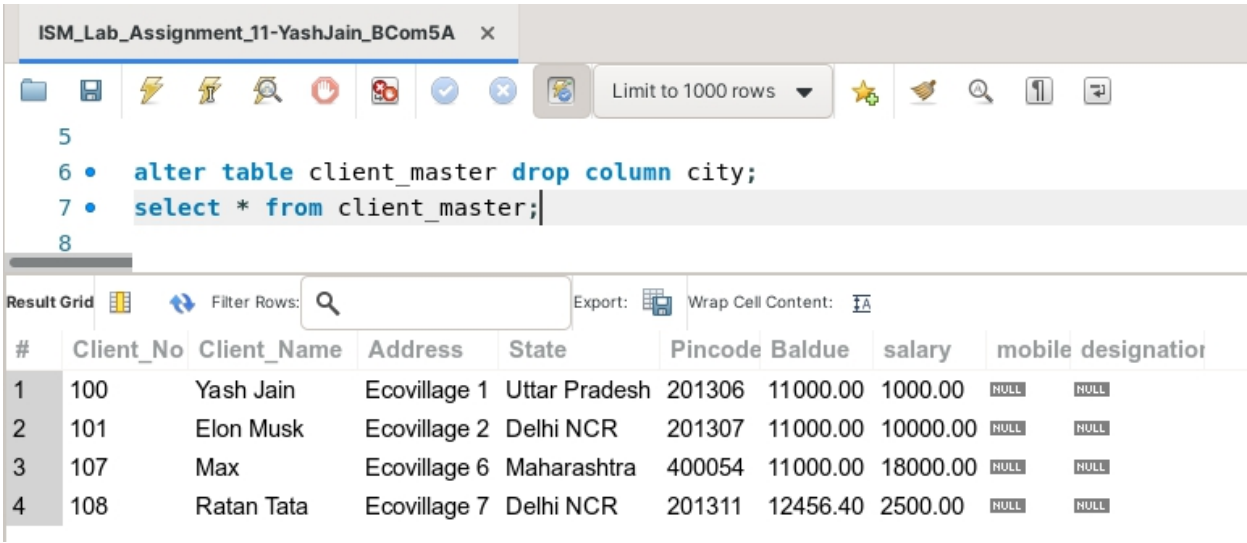
This task can be completed using the **'alter'** command, with the **'drop'** keyword. The DROP Keyword is used to delete a column from the table. The syntax for this is -

```
Alter table <tablename> drop column <columnName>;
```



#	Client_No	Client_Name	Address	State	City	Pincode	Baldue	salary	mobile	designatior
1	100	Yash Jain	Ecovillage 1	Uttar Pradesh	Noida	201306	11000.00	1000.00	NULL	NULL
2	101	Elon Musk	Ecovillage 2	Delhi NCR	Mumbai	201307	11000.00	10000.00	NULL	NULL
3	107	Max	Ecovillage 6	Maharashtra	Mumbai	400054	11000.00	18000.00	NULL	NULL
4	108	Ratan Tata	Ecovillage 7	Delhi NCR	Delhi	201311	12456.40	2500.00	NULL	NULL

(before dropping city column)



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4	108	Ratan Tata	Ecovillage 7	Delhi NCR	201311	12456.40	2500.00	NULL	NULL

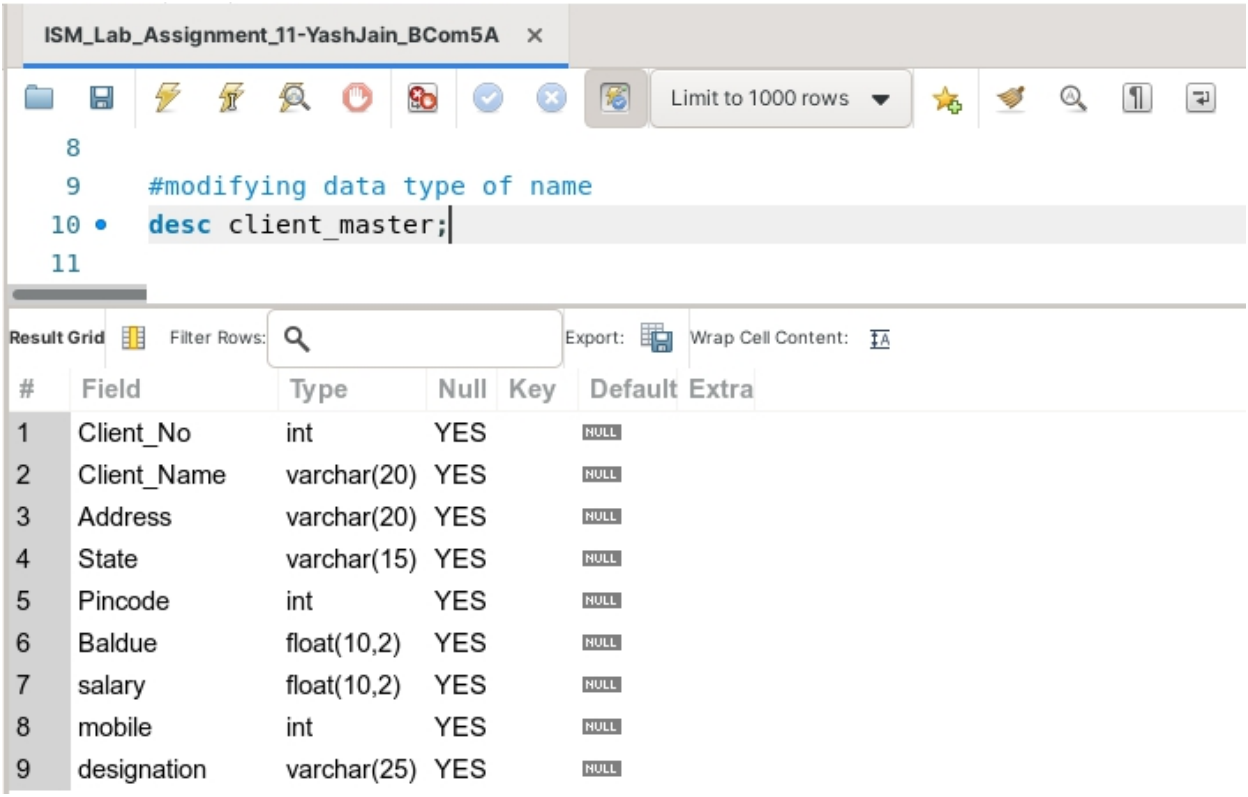
(after dropping city column)

Task 2: Change the column 'Name' size to 35.

This task can be completed using the **'Alter'** command, with the **'modify'** keyword. MODIFY keyword is used to modify the column metadata in a table like data type and size. We cannot modify the constraints of the column via this keyword. The syntax for this is -

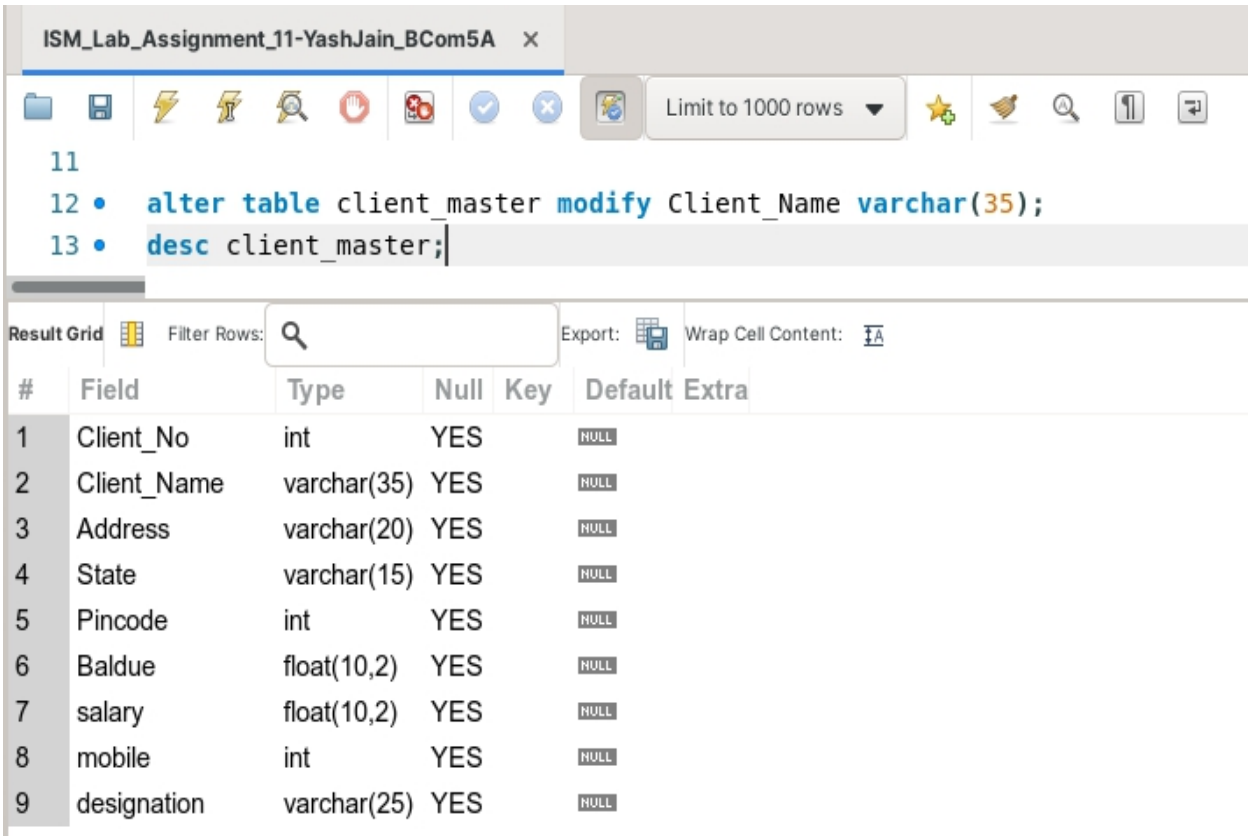
```
Alter table <Tablename> modify <columnname> <new datatype> (<new
```

```
size>);
```



#	Field	Type	Null	Key	Default	Extra
1	Client_No	int	YES		NULL	
2	Client_Name	varchar(20)	YES		NULL	
3	Address	varchar(20)	YES		NULL	
4	State	varchar(15)	YES		NULL	
5	Pincode	int	YES		NULL	
6	Baldue	float(10,2)	YES		NULL	
7	salary	float(10,2)	YES		NULL	
8	mobile	int	YES		NULL	
9	designation	varchar(25)	YES		NULL	

(before modifying the size of ‘name’ column)



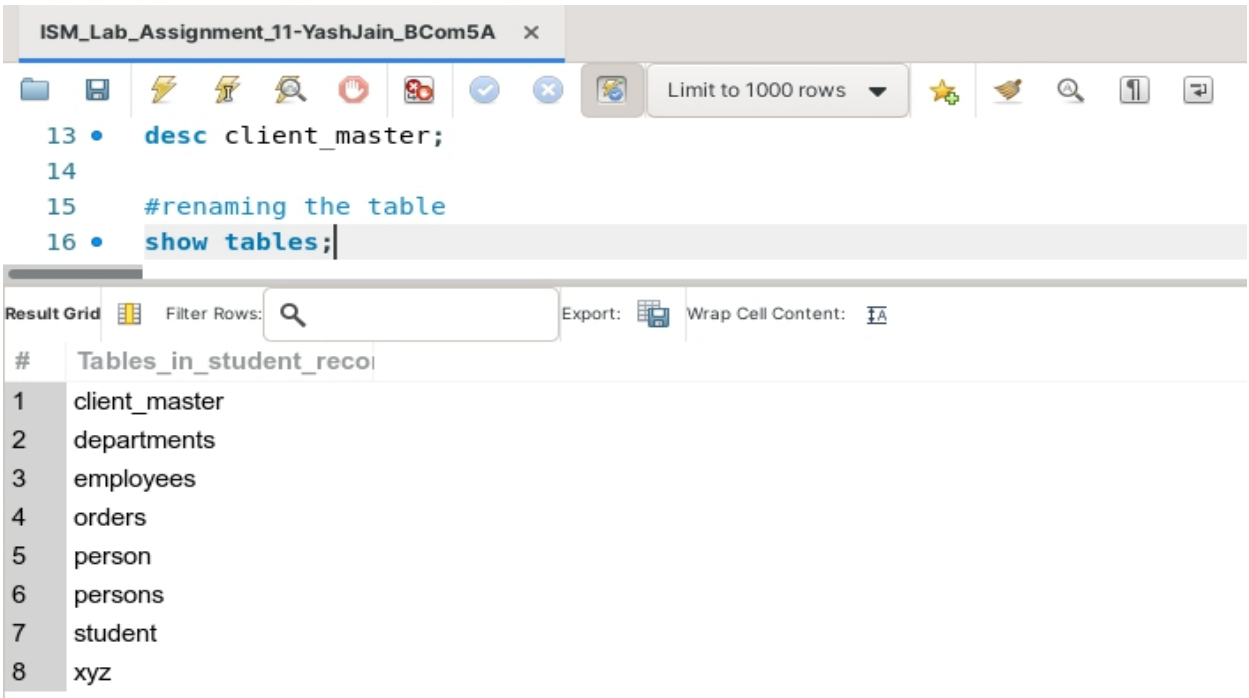
#	Field	Type	Null	Key	Default	Extra
1	Client_No	int	YES		NULL	
2	Client_Name	varchar(35)	YES		NULL	
3	Address	varchar(20)	YES		NULL	
4	State	varchar(15)	YES		NULL	
5	Pincode	int	YES		NULL	
6	Baldue	float(10,2)	YES		NULL	
7	salary	float(10,2)	YES		NULL	
8	mobile	int	YES		NULL	
9	designation	varchar(25)	YES		NULL	

(after modifying size of ‘name’ column)

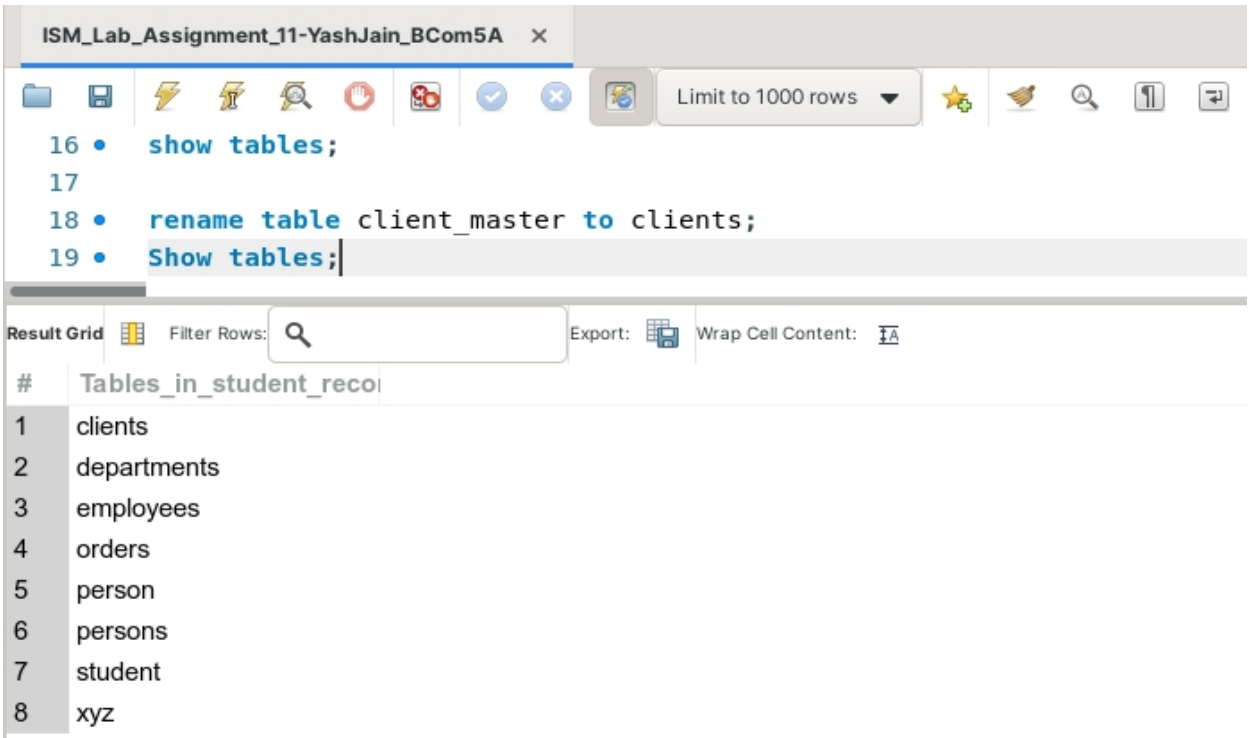
Task 3: Change the name of table 'client_master' to clients.

This task can be completed using the **'rename'** command along with the **'TO'** keyword. The RENAME Command is used to rename the table. The syntax for this is -

```
Rename table <tablename> to <newtablename>;
```



(before renaming the table)



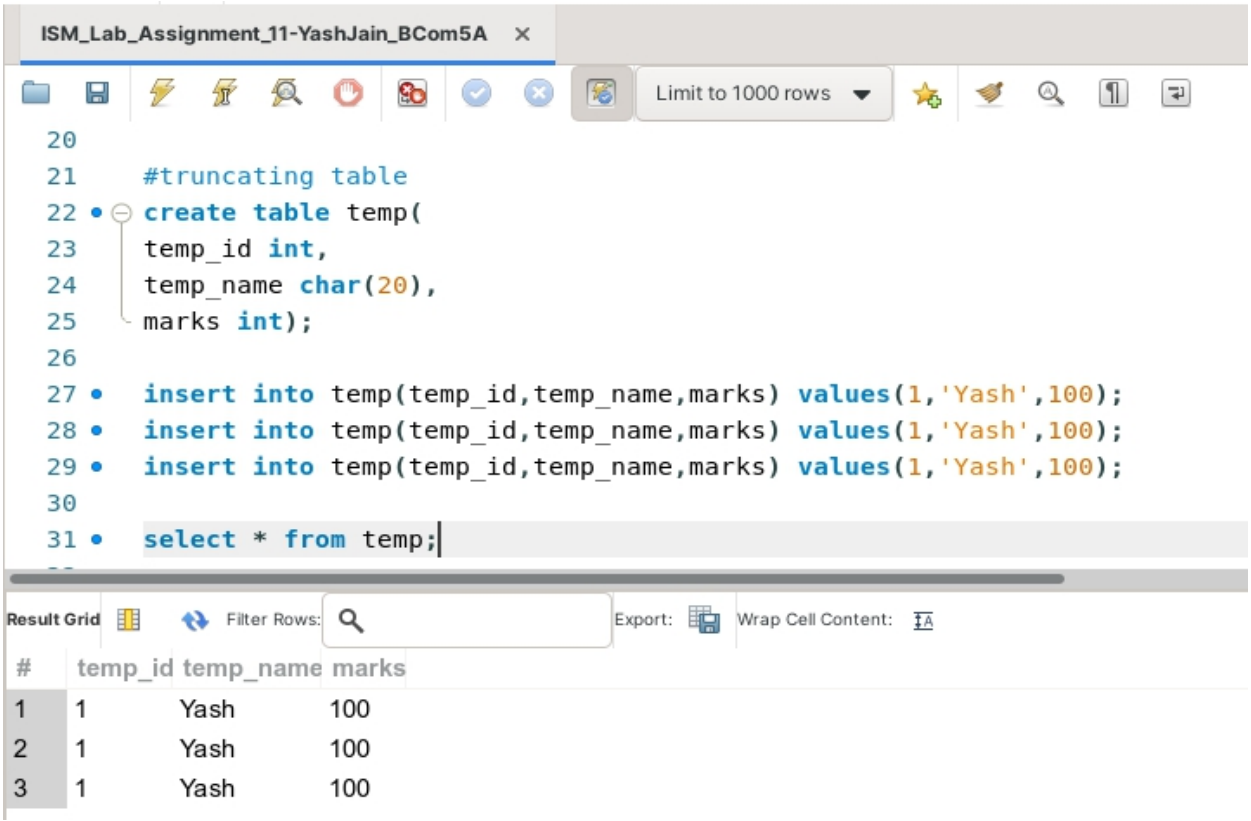
(after renaming the table)

Task 4: Create a table temp, insert 3 values and Truncate table in the database.

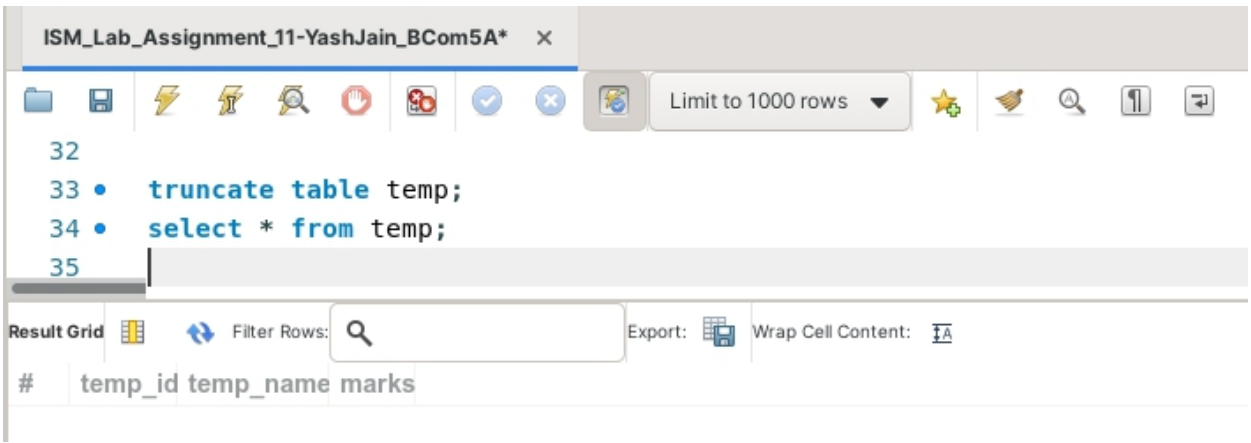
The following task is completed using the **'create table'** command, along with the **'insert into'** command with the **'values'** keyword, and finally, the **'truncate'** command.

Truncate Table empties the table completely. It is different from DELETE command, as it deletes and re-creates the table (which is faster than deleting entries individually). These operations are not transaction-safe. The number of deleted rows are not returned in truncate. The syntax for this is -

```
Truncate table <tablename>;
```



(before truncating table)

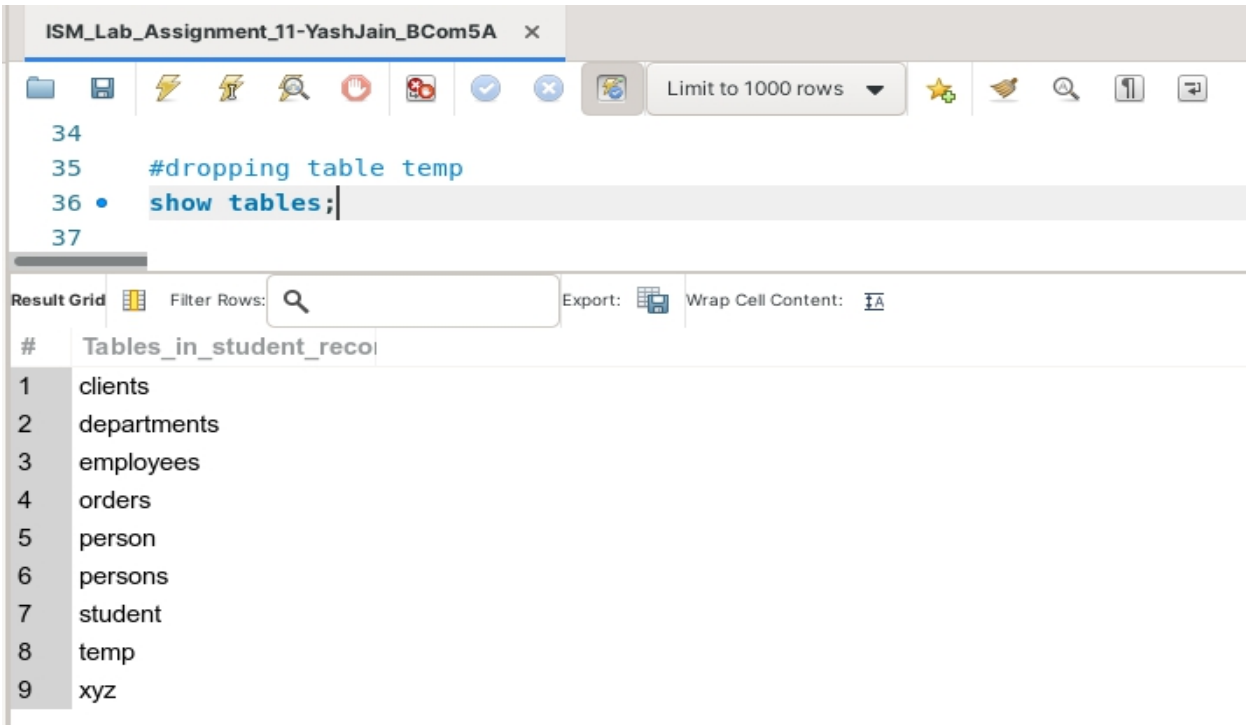


(after truncating table)

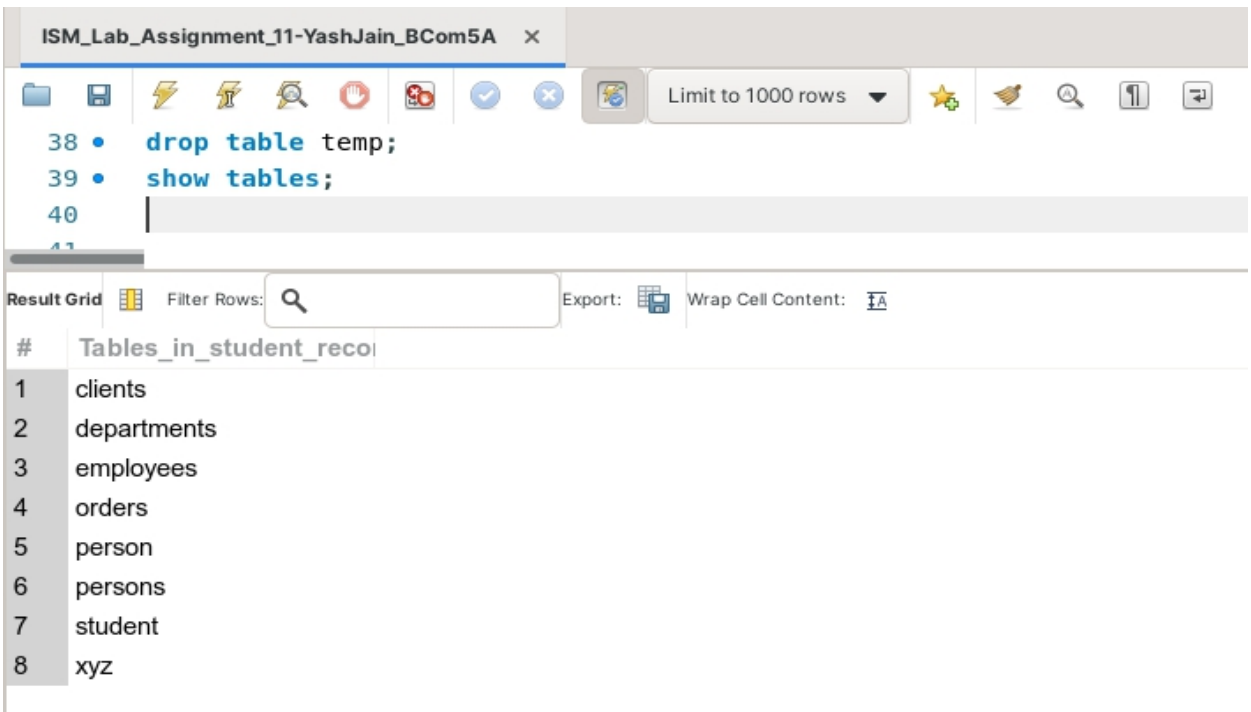
Task 5: Delete the table temp from the database.

This task can be completed using the **'drop table'** command. Drop Table is used to delete the table from the database. The syntax for this is -

```
Drop table <tablename>;
```



(before deletion)



(after deletion)