

Labsheet1.docx
Document

What are the output tables that we have to mention in output side while writing record (minimal version)

For your **DBMS Lab Record (Minimal Version)** for **CSE2261 – DBMS Lab**, you only need to show the important output tables (not every small query result).

Based on your uploaded **Labsheet1.docx**  **Labsheet1** , here are the **required output tables** you should mention on the output side:

EXP 1 – StudentDB

1 SHOW DATABASES Output

After creating database:

 Code



2 SHOW TABLES Output

After creating STUDENT table:

 Code



3 DESC STUDENT (Table Structure)

Very important – shows schema.

 Code



4 SELECT * FROM STUDENT (Before Update)

To show inserted data.

5 SELECT * FROM STUDENT (After Update)

To show modified data.

✓ EXP 2 – BankingDB**1 DESC Customer**

Table structure output.

2 DESC Account

Table structure output.

3 SELECT * FROM Customer

After inserting records.

4 SELECT * FROM Account

After inserting records.

5 SELECT After UPDATE

Example:

Code



(after city update)

6 SELECT After DELETE

To show remaining records.



Minimal Version – Final List to Write in Record

Just include these outputs:

✓ For Exp1:

- SHOW DATABASES
- SHOW TABLES
- DESC STUDENT
- SELECT * FROM STUDENT (after insert)
- SELECT * FROM STUDENT (after update)

✓ For Exp2:

- DESC Customer
- DESC Account
- SELECT * FROM Customer
- SELECT * FROM Account
- SELECT after update
- SELECT after delete



No Need to Write:

- Query OK messages
- Rows affected lines
- Every ALTER output
- Every DELETE confirmation

If you want, I can also give you a **perfect lab record format (ready-to-write clean format)** for internal submission.

Sources



generate tables for each queries

Below are the **clean output tables** (minimal lab record format) for each important query from **EXP 1 (StudentDB)** and **EXP 2 (BankingDB)**.

You can directly copy these tables into your record.

EXP 1 – StudentDB

SHOW DATABASES;

Database

information_schema

mysql

performance_schema

studentdb

test

SHOW TABLES;

Tables_in_studentdb

student

DESC STUDENT;

Field	Type	Null	Key	Default	Extra
SNUM	int(11)	NO	PRI	NULL	
SNAME	varchar(20)	YES	UNI	NULL	
MAJOR	varchar(20)	YES		NULL	
DOB	date	YES		NULL	
SEM	int(11)	YES		4	

SELECT * FROM STUDENT; (After Insert)

SNUM	SNAME	MAJOR	DOB	SEM
1001	CHETHAN	CSE	2000-11-03	4
1002	CHETHAN CHAVAN	CSE	2000-11-03	4

SELECT * FROM STUDENT; (After Update)

SNUM	SNAME	MAJOR	DOB	SEM
1001	CHETHAN	ISE	2000-11-03	4
1002	CHETHAN CHAVAN	ISE	2000-11-03	4

EXP 2 – BankingDB

DESC Customer;

Field	Type	Null	Key	Default	Extra
customer_id	int	NO	PRI	NULL	

Field	Type	Null	Key	Default	Extra
customer_name	varchar(30)	YES		NULL	
city	varchar(20)	YES		NULL	

2 DESC Account;

Field	Type	Null	Key	Default	Extra
account_no	int	NO	PRI	NULL	
customer_id	int	YES		NULL	
balance	int	YES		NULL	

3 SELECT * FROM Customer;

customer_id	customer_name	city
101	Ramesh	Chennai
102	Suresh	Bangalore
103	Mahesh	Hyderabad

4 SELECT * FROM Account;

account_no	customer_id	balance
5001	101	45000
5002	102	30000
5003	103	55000

5 After UPDATE (City changed to Mumbai where customer_id = 101)




customer_id	customer_name	city
101	Ramesh	Mumbai
102	Suresh	Bangalore
103	Mahesh	Hyderabad


6 After DELETE (customer_id = 103 removed)

customer_id	customer_name	city
101	Ramesh	Mumbai
102	Suresh	Bangalore

 **This is the correct minimal output section for your DBMS lab record.**

If you want, I can now format this into:


-  Very clean handwritten-record format
-  Viva preparation questions
-  5–10 mark theory answers for internal exam

Tell me what you need 



Labsheet2.docx
Document

now generate for this labsheet

Here are the **clean output tables (minimal record format)** for **Labsheet 2 – DBMS Lab (CSE2261)** based on your uploaded file  Labsheet2

You can directly write these in your record under **OUTPUT**.

EXP 1 – PART A (BankingDB)

1 DESC CUSTOMER;

Field	Type	Null	Key	Default	Extra
CustomerID	int	NO	PRI	NULL	
CustomerName	varchar(50)	NO		NULL	
Email	varchar(50)	YES	UNI	NULL	
Phone	varchar(15)	YES	UNI	NULL	

2 DESC ACCOUNT;

Field	Type	Null	Key	Default	Extra
AccountNo	int	NO	PRI	NULL	
CustomerID	int	YES	MUL	NULL	
AccountType	varchar(20)	NO		NULL	
Balance	decimal(10,2)	NO		NULL	

3 DESC TRANSACTION_DETAILS;

Field	Type	Null	Key	Default	Extra
TransactionID	int	NO	PRI	NULL	
AccountNo	int	YES	MUL	NULL	
Amount	decimal(10,2)	NO		NULL	
TransactionType	varchar(20)	YES		NULL	

4 SELECT * FROM CUSTOMER;

CustomerID	CustomerName	Email	Phone
1	Ravi	ravi@gmail.com ↗	9876543210
2	Anita	anita@gmail.com ↗	9123456780

5 SELECT * FROM ACCOUNT;

AccountNo	CustomerID	AccountType	Balance
101	1	Savings	50000.00
102	2	Current	75000.00

6 SELECT * FROM TRANSACTION_DETAILS;

TransactionID	AccountNo	Amount	TransactionType
1001	101	5000.00	Deposit
1002	102	3000.00	Withdrawal



EXP 1 – PART B (StudentDB – Special Operators)

◆ Relational Operator (>)

SQL



StudentID	StudentName	Age	Department	Marks
1	Arun	20	CSE	85
4	Divya	22	EEE	90

◆ Logical Operator (AND)

SQL



StudentID	StudentName	Age	Department	Marks
1	Arun	20	CSE	85

◆ Pattern Matching (LIKE)

SQL



StudentID	StudentName	Age	Department	Marks
1	Arun	20	CSE	85

◆ BETWEEN Operator

</> SQL



StudentID	StudentName	Age	Department	Marks
1	Arun	20	CSE	85
2	Banu	21	ECE	72
4	Divya	22	EEE	90

◆ IS NULL Operator

</> SQL



StudentID	StudentName	Age	Department	Marks
3	Charan	19	CSE	NULL

◆ IN Operator

</> SQL



StudentID	StudentName	Age	Department	Marks
1	Arun	20	CSE	85
2	Banu	21	ECE	72

StudentID	StudentName	Age	Department	Marks
3	Charan	19	CSE	NULL

◆ NOT IN Operator

</> SQL



StudentID	StudentName	Age	Department	Marks
4	Divya	22	EEE	90
5	Esha	20	MECH	65

✓ EXP 2 – Constraint Enforcement Outputs

✗ Duplicate PRIMARY KEY

</> Code



✗ NOT NULL Violation

</> Code



✗ UNIQUE Constraint Violation

</> Code

✖ FOREIGN KEY Violation

ERROR 1452 (23000): Cannot add or update a child row:

</> Code

✔ Valid Insertions (After Adding Customer 3)

SELECT * FROM ACCOUNT WHERE Balance > 50000;

AccountNo	CustomerID	AccountType	Balance
102	2	Current	75000.00

SELECT * FROM ACCOUNT WHERE AccountType='Savings' AND Balance > 30000;

AccountNo	CustomerID	AccountType	Balance
101	1	Savings	50000.00
103	3	Savings	40000.00

SELECT * FROM TRANSACTION_DETAILS WHERE Amount BETWEEN 3000 AND 6000;

TransactionID	AccountNo	Amount	TransactionType
1001	101	5000.00	Deposit

TransactionID	AccountNo	Amount	TransactionType
1002	102	3000.00	Withdrawal

SELECT * FROM ACCOUNT WHERE AccountType IN ('Savings','Current');

AccountNo	CustomerID	AccountType	Balance
101	1	Savings	50000.00
102	2	Current	75000.00
103	3	Savings	40000.00

SELECT * FROM TRANSACTION_DETAILS WHERE TransactionType NOT IN ('Withdrawal');

TransactionID	AccountNo	Amount	TransactionType
1001	101	5000.00	Deposit
1003	103	7000.00	Deposit




SELECT * FROM ACCOUNT WHERE CustomerID IS NULL;

<> Code

Empty set (0.00 sec)

 This is the complete minimal output section for Labsheet 2.

If you want, I can now prepare:

-  Perfect handwritten record format (with headings)
-  Viva questions & answers
-  Ready-to-print formatted version

Sources

