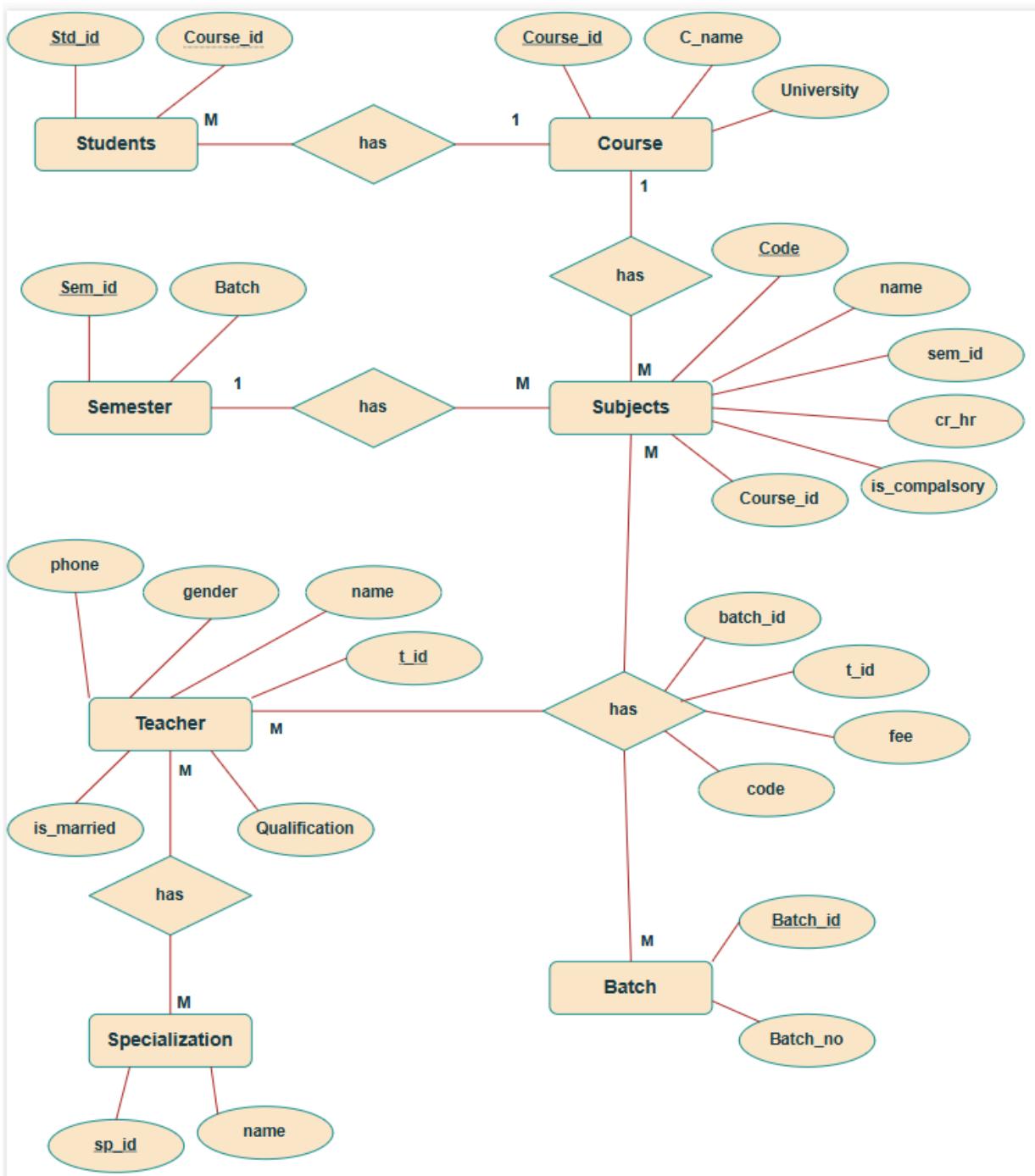


Lab 4 (A)



SCHEMAS

b.

Filter objects

- ajaxdb
- classicmodels
- college_db
 - ▼ Tables
 - batch
 - batchsubjectteachers
 - courses
 - semester
 - specialization
 - students
 - studentsbackup
 - subjectchangelog
 - subjects
 - teacher
 - teachers1
 - Views
 - Functions

Result Grid | Filter

	sem_id	semester
c.	1	1
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7
	8	8
*	NULL	NULL

Result Grid | Filter Rows: _____

	spe_id	name
▶	1	Computer Science
	2	Computer Science
	3	Mathematics
	4	Business Administration
	5	Cyber Law
*	NULL	NULL

Result Grid | Filter Rows: _____

	sub_id	sub_code	name	cr_hr	is_compulsory	sem_id	course_id
▶	1	CAS101	java	4	1	3	1
	2	CAS102	web technology	3	1	3	1
	3	CAS103	physics	3	1	1	4
	4	CAS104	Simulation and Modeling	3	1	5	4
	5	CAS105	Business Law	3	1	4	2
	6	CAS106	Business Statistics	3	1	1	2
	7	CAS107	Operating System	3	0	8	5
	8	CAS108	Human Resource Management	3	1	7	5
	9	CAS109	Database Management	3	1	6	3
	10	CAS110	Business Strategy	3	1	3	3
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid | Filter Rows: _____

	t_id	name	gender	phone	is_married	qualification
▶	1	Rajim Ali	Male	+977-9856492018	1	MSc in Computer Science
	2	Bimal Acharya	Male	+977-9855602018	0	Mit
	3	Mausam Khadka	Male	+977-9856490987	1	PHD in Mathematics
	4	Mahima Shrestha	Female	+977-9812342018	0	Master in Business Law
	5	Prabin Magar	male	+977-9812345678	0	MSc in Cyber Security
*	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid | Filter Rows: _____

	batch_id	sub_code	t_id	fee
▶	1	CAS101	1	2000
	2	CAS102	2	2500
	3	CAS103	3	1800
	4	CAS104	4	2200
	5	CAS105	5	2400
	6	CAS106	1	2100
	7	CAS107	2	2300
	8	CAS108	3	2600
	1	CAS109	4	2700
	2	CAS110	5	2800

Result Grid | Filter

	batch_id	batch_no
▶	1	1
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7
	8	8
*	NULL	NULL

A. Result Grid | Filter

	average_fee
▶	2340

Lab 5(A)

B. Result Grid | Filter

	total_students
▶	11

C. Result Grid | Filter

	t_id	subject_count
▶	1	2

D. Result Grid | Filter

	batch	total_students
▶	2078	1
	2079	5
	2077	1
	2076	1
	2075	1

E. Result Grid | Filter Rows:

	subject_name	credit_hours
▶	java	4
	web technology	3

F. Result Grid | Filter

	teacher_name
▶	Rajim Ali

G.

H. Result Grid | Filter

	total_fee_paid
▶	4700

I. Result Grid | Filter Rows:

	teacher_name	qualification
▶	Mahima Shrestha	Master in Business Law

J. Result Grid | Filter Rows:

	subject_name	average_fee
▶	java	2000
	web technology	2500
	physics	1800
	Simulation and Modeling	2200
	Business Law	2400
	Business Statistics	2100
	Operating System	2300
	Human Resource Management	2600
	Database Management	2700
	Business Strategy	2800

Result Grid | Filter Rows:

Lab 6(A)

	std_id	student_name	batch
▶	1	Sushant.k	2078
	2	Sushant.s	2079
	3	ram	2077
	4	suhesh	2079
	5	padam	2076
	6	Sumit.R	2079
	7	Niraj Tharu	2075
	8	Niruta Thapa	2079
	9	Namrata .G	2074
	10	Mahesh .K	2079

Result Grid | Filter Rows:

	course_name	total_credit_hours
▶	BCA	7
	BBA	6
	BBM	6
	csit	6
	BIM	6

B.

Result Grid | Filter Rows:

	teacher_name	subject_name
▶	Rajim Ali	java
	Rajim Ali	Business Statistics
	Bimal Acharya	web technology
	Bimal Acharya	Operating System
	Mausam Khadka	physics
	Mausam Khadka	Human Resource Management
	Mahima Shrestha	Simulation and Modeling
	Mahima Shrestha	Database Management
	Prabin Magar	Business Law
	Prabin Magar	Business Strategy

D.

Result Grid | Filter Rows:

	teacher_name	subject_name
▶	Bimal Acharya	web technology
	Bimal Acharya	Operating System
	Mahima Shrestha	Simulation and Modeling
	Mahima Shrestha	Database Management
	Mausam Khadka	physics
	Mausam Khadka	Human Resource Management
	Prabin Magar	Business Law
	Prabin Magar	Business Strategy
	Rajim Ali	java
	Rajim Ali	Business Statistics

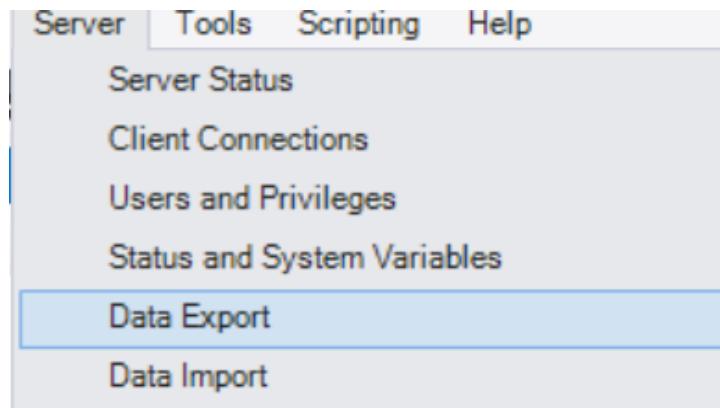
Result Grid | Filter Rows:

	std_id	student_name	batch
▶	1	Sushant.k	2078

Result Grid | Filter Rows:

	course_name	total_credit_hours
▶	BCA	7

Lab 7(A and B) : Export the Students Table to students_backup.sql



Data Export

Object Selection Export Progress

Tables to Export

Exp... Schema	Exp... Schema Objects
<input type="checkbox"/> ajaxdb	<input type="checkbox"/> batch
<input type="checkbox"/> classicmodels	<input type="checkbox"/> batchessubjectteachers
<input checked="" type="checkbox"/> college_db	<input type="checkbox"/> coursecreditsummary
<input type="checkbox"/> db	<input type="checkbox"/> courses
<input type="checkbox"/> emp	<input type="checkbox"/> semester
<input type="checkbox"/> handicraft_ecommerce	<input type="checkbox"/> specialization
<input type="checkbox"/> handicraftdb	<input type="checkbox"/> studentnamesandbatches
<input type="checkbox"/> java	<input checked="" type="checkbox"/> students

Refresh 1 tables selected

Advanced Options...

Objects to Export

Dump Stored Procedures and Functions Dump Events Dump Triggers

Export Options

Export to Dump Project Folder C:\Users\chaud\OneDrive\Documents\.dumps\Dump20250107 ...
Each table will be exported into a separate file. This allows a selective restore, but may be slower.

Export to Self-Contained File D:\DBMS\Lab 7\database_backup.sql ...
All selected database objects will be exported into a single, self-contained file.

Create Dump in a Single Transaction (self-contained file only) Include Create Schema

Data Export

Object Selection Export Progress

Export Completed

Status:
1 of 1 exported.

Log:

```
09:46:20 Dumping college_db (students)
Running: mysqldump.exe --defaults-file="C:\Users\chaud\AppData\Local\Temp\tmpqjpr3kbq.cnf" --host=127.0.0.1 --port=3306 --default-character-set=utf8 --user=root --protocol=tcp --column-statistics=FALSE --skip-triggers "college_db"
09:46:21 Export of D:\DBMS\Lab 7\database_backup.sql has finished
```

Advanced Options...

Stop Export Again

Import students_backup.sql into new table(studentsbackup).

The screenshot shows the MySQL Workbench interface. On the left, the database structure for 'college_db' is displayed, showing tables such as batch, batchsubjectteachers, courses, semester, specialization, students, studentsbackup, subjectchangelog, subjects, teacher, and teachers1. Below this is a 'Data Import' section with a 'table' icon. The main pane shows the 'Server' tab selected in the top menu bar, with the 'Data Import' option highlighted. The 'Import from Disk' tab is active. Under 'Import Options', the 'Import from Self-Contained File' radio button is selected, pointing to the file 'D:\DBMS\Lab 7\database_backup.sql'. The 'Default Schema to Be Imported To' dropdown is set to 'college_db'. The 'Import Progress' section shows a green progress bar at 100%, indicating 'Import Completed'. The log area at the bottom displays the command line output of the import process:

```
09:56:15 Restoring D:\DBMS\Lab 7\database_backup.sql
Running: mysql.exe --defaults-file="C:\Users\chaud\AppData\Local\Temp\tmpm13bjhd7.cnf" --protocol=tcp --host=127.0.0.1 --user=root --port=3306 --default-character-set=utf8 --comments --
database=college_db < D:\DBMS\Lab 7\database_backup.sql"
09:56:15 Import of D:\DBMS\Lab 7\database_backup.sql has finished
```

At the bottom right of the import progress window, there are 'Stop' and 'Import Again' buttons.

Result Grid | Filter Rows: Export:

	std_id	name	dob	batch	course_id
▶	1	Sushant.k	2002-05-12	2078	1
	2	Sushant.s	2004-04-06	2079	3
	3	ram	2007-06-11	2077	2
	4	suhesh	2004-04-06	2079	4
	5	padam	2003-10-12	2076	5
	6	Sumit.R	2004-06-25	2079	2
	7	Niraj Tharu	2005-06-20	2075	1
	8	Niruta Thapa	2004-03-25	2079	3
	9	Namrata .G	2003-02-28	2074	1
	10	Mahesh .K	2004-01-24	2079	2

C. Export the Teachers tables data to csv file named teachers_backup.csv.

📄 A. Export and import the Students Table to ...	1/6/2025 9:10 AM
📄 A.export and import data in table.sql	1/3/2025 8:23 PM
📄 C n D.export and import data in table.sql	1/3/2025 8:25 PM
📄 create studentsbackup table.sql	1/1/2025 9:54 AM
📄 database_backup.sql	1/7/2025 9:46 AM
📄 E.Create a stored procedure named AddNew...	1/2/2025 9:24 AM
📄 F.Call the Procedure.sql	1/1/2025 10:29 AM
📄 G..Create a trigger named LogSubjectChange...	1/2/2025 9:24 AM
📄 students_backup.sql	1/1/2025 9:29 AM
📄 teachers_backup.csv	Type: SQL Text File Size: 2.64 KB 1/1/2025 10:05 AM

D. Import the csv file into a new table(Teacher1):

SCHEMAS

Filter objects

- ▶ ajaxdb
- ▶ classicmodels
- ▶ college_db
 - ▶ Tables
 - ▶ batch
 - ▶ batchsubjectteachers
 - ▶ courses
 - ▶ semester
 - ▶ specialization
 - ▶ students
 - ▶ studentsbackup
 - ▶ subjectchangelog
 - ▶ subjects
 - ▶ teacher
 - ▶ teacher1

E.

Result Grid | Filter Rows: | Edit: | Export/Import:

	t_id	name	gender	phone	is_married	qualification
▶	1	Rajim Ali	Male	+977-9856492018	1	MSc in Computer Science
	2	Bimal Acharya	Male	+977-9855602018	0	Mit
	3	Mausam Khadka	Male	+977-9856490987	1	PHD in Mathematics
	4	Mahima Shrestha	Female	+977-9812342018	0	Master in Business Law
*	5	Prabin Magar	male	+977-9812345678	0	MSc in Cyber Security
*	NULL	NULL	NULL	NULL	NULL	NULL

F.

Result Grid | Filter Rows: | Edit:

	std_id	name	dob	batch	course_id
▶	1	Sushant.k	2002-05-12	2078	1
	2	Sushant.s	2004-04-06	2079	3
	3	ram	2007-06-11	2077	2
	4	suhesh	2004-04-06	2079	4
	5	padam	2003-10-12	2076	5
	6	Sumit.R	2004-06-25	2079	2
	7	Niraj Tharu	2005-06-20	2075	1
	8	Niruta Thapa	2004-03-25	2079	3
	9	Namrata .G	2003-02-28	2074	1
	10	Mahesh .K	2004-01-24	2079	2
	101	John Doe	2005-05-15	2024	NULL
*	NULL	NULL	NULL	NULL	NULL

G.

Result Grid | Filter Rows: | Edit: | Export/

	id	sub_id	old_name	new_name	change_time
▶	1	1	Mathematics	Advanced Mathematics	2025-01-07 10:56:23
*	NULL	NULL	NULL	NULL	NULL