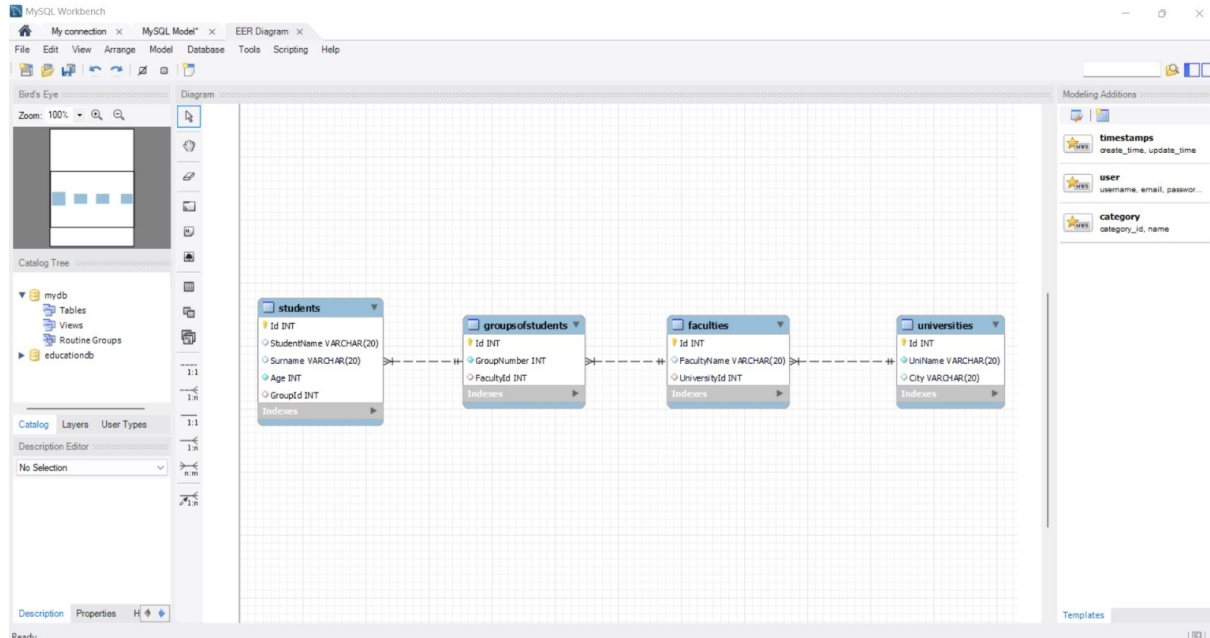


Task #29

Diagram



Universities

The screenshot shows the MySQL Workbench SQL Editor with the following query:

```
1 • SELECT * FROM educationdb.universities;
```

The query results are displayed in the Result Grid:

Id	UniName	City
1	ААУ	Киев
2	БДПУ	Бер...
3	БНАУ	Бина...
4	БДПУ	Бина...
5	ДТЕУ	Киев
6	ДУТ	Киев
7	МНУ	Мек...
8	НУК	Мек...
9	ЭНУ	Зап...
10	ЖДУ	Жа...
11	ОДАУ	Одеса
12	УжНУ	Ужк...
13	МДУ	Мук...
14	МУЕТ	Пол...

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
10	12:04:06	SELECT * FROM educationdb.universities LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
11	12:32:45	SELECT * FROM educationdb.faculties LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	12:41:35	SELECT * FROM educationdb.groupsofstudents LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
13	12:50:59	SELECT * FROM educationdb.students LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

The interface includes a Navigator on the left showing the database schema, a central SQL editor, and a right sidebar with SQL Snippets and Context Help.

Faculties

MySQL Workbench interface showing the 'faculties' table in the 'educationdb' database. The table structure is as follows:

Id	FacultyName	UniversityId
1	Одесве нр...	1
2	Агрономский	3
3	Филоло-мат...	4
4	Исторический	9
5	Защит рос...	11
6	Правовед...	12
7	Финанси та...	15
8	Механизм...	5
9	Телекомун...	6

The SQL query executed is: `SELECT * FROM educationdb.faculties;`

Output:

#	Time	Action	Message	Duration / Fetch
10	12:04:06	SELECT * FROM educationdb.universities LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
11	12:32:45	SELECT * FROM educationdb.faculties LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	12:41:35	SELECT * FROM educationdb.groupsofstudents LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
13	12:50:59	SELECT * FROM educationdb.students LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

GroupsOfStudents

MySQL Workbench interface showing the 'groupsofstudents' table in the 'educationdb' database. The table structure is as follows:

Id	GroupNumber	FacultyId
4	202	4
5	301	5
6	304	6
7	402	2
8	401	8
9	503	9
10	501	7
11	405	3

The SQL query executed is: `SELECT * FROM educationdb.groupsofstudents;`

Output:

#	Time	Action	Message	Duration / Fetch
10	12:04:06	SELECT * FROM educationdb.universities LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
11	12:32:45	SELECT * FROM educationdb.faculties LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	12:41:35	SELECT * FROM educationdb.groupsofstudents LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
13	12:50:59	SELECT * FROM educationdb.students LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Students

MySQL Workbench

My connection

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHEMAS

Filter objects

educationdb

- Tables
 - faculties
 - groupsofstudents
 - students
- universities
 - Columns
 - Indexes
 - Foreign Keys
 - Triggers
- Views
- Stored Procedures
- Functions

sys

Administration Schemas

Information

Table: studentsColumns:

Id

StudentName

Surname

Age

GroupId

int AI PK

varchar(20)

int

int

Object Info Session

Query Completed

SQL File 4* students universities faculties groupsofstudents students

Limit to 1000 rows

1 • SELECT * FROM educationdb.students;

Result Grid

	Id	StudentName	Surname	Age	GroupId
1	Іван	Варта	21	8	
2	Валентин	Буко	23	3	
3	Іван	Підлісний	19	1	
4	Катерина	Піскур	24	5	
5	Кирило	Кавінський	21	7	
6	Насіра	Тіан	19	3	
7	Дмитро	Руденко	24	4	
8	Андрій	Шарай	22	8	
9	Федір	Поліщук	18	10	
10	Дмитро	Балан	25	9	

students 1 x

Output

#	Time	Action	Message	Duration / Fetch
20	13:28:00	SELECT * FROM educationdb.faculties LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
21	13:28:09	SELECT * FROM educationdb.groupsofstudents LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec
22	13:28:23	SELECT * FROM educationdb.students LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec

Apply Revert Context Help Snippets