

## 1. Select all fields from universities

The screenshot shows the MySQL Workbench interface with the following components:

- Navigator:** Shows the database structure for 'task29', including tables like 'faculties', 'groups', 'students', and 'universities'.
- SQL Editor:** Contains the query: `SELECT UniversityID, UniName, City FROM task29.Universities`.
- Result Grid:** Displays the query results in a table format.
- Output Panel:** Shows the execution log with messages and error codes.
- Schema:** Displays the selected schema 'task29'.
- Object Info:** Shows the selected object 'Universities 3'.

The Result Grid shows the following data:

UniversityID	UniName	City
1	КПІ	Київ
2	НАУ	Київ
3	КНУ	Київ
4	ЛНУ	Львів
5	ВНУ	Вінниця
6	ДГУ	Дніпро
7	ЖДУ	Житомир
8	ЗНУ	Запоріжжя
9	ОНУ	Одеса
10	ПДАУ	Полтава
11	ХНУ	Харків
HULL	HULL	HULL

The Output Panel shows the following messages:

#	Time	Action	Message	Duration / Fetch
34	17:24:40	SELECT UniversityID, UniName, City FRO...	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCHEMAS list in the sidebar.	0.000 sec
35	17:24:51	SELECT UniversityID, UniName, City FRO...	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCHEMAS list in the sidebar.	0.000 sec
36	17:27:05	SELECT * FROM task29.Universities LIMIT...	11 row(s) returned	0.000 sec / 0.000 sec
37	17:27:48	SELECT UniversityID, UniName, City FRO...	11 row(s) returned	0.000 sec / 0.000 sec

## 2. Select only students' names and surnames

MySQL Workbench

Local instance MySQL80 x MySQL Model\* x EER Diagram x

File Edit View Query Database Server Tools Scripting Help

Navigator: universities universities faculties groups students x SQL File 3\*

SCHEMAS

Filter objects

task29

Tables

faculties

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Administration

Information

Schema: task29

Object Info Session

universities universities faculties groups students x SQL File 3\*

Limit to 1000 rows

1 SELECT StudentName, StudentSurname FROM task29.Students

Result Grid

StudentName	StudentSurname
Іван	Франко
Леся	Українка
Григорій	Сковорода
Тарас	Шевченко
Володимир	Вернадський
Соломія	Крушельницька
Олена	Бджілка
Богдан	Хмельницький
Хюрен	Султан
Катерина	Блокур
Ігор	Скорський
Ліна	Костенко

Form Editor

Field Types

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
35	17:24:51	SELECT UniversityID, UniName, City FRO...	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCHEMAS list in the sidebar.	0.000 sec
36	17:27:05	SELECT * FROM task29.Universities LIMIT...	11 row(s) returned	0.000 sec / 0.000 sec
37	17:27:48	SELECT UniversityID, UniName, City FRO...	11 row(s) returned	0.000 sec / 0.000 sec
38	17:29:30	SELECT StudentName, StudentSurname F...	12 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Windows Taskbar: 17:29 17.06.2024

### 3. Select only those students whose name is «Іван»

MySQL Workbench

Local instance MySQL80 x MySQL Model\* x EER Diagram x

File Edit View Query Database Server Tools Scripting Help

Navigator: task29

SCHEMAS

Filter objects

task29

- Tables
  - faculties
    - Colu
    - Inde
    - Fore
    - f
  - Trigg
  - grooups
    - Colu
    - Inde
    - Fore
    - Trigg
  - students
    - Colu
    - Inde
    - Fore
    - Trigg
  - grooups
  - universit

Administration

Information

Schema: task29

Object Info Session

universities universities faculties groups students x SQL File 3\*

Limit to 1000 rows

```
1 SELECT StudentName, StudentSurname FROM task29.Students
2 SELECT StudentName, StudentSurname, Age FROM task29.Students WHERE StudentName = 'Іван'
```

Result Grid

StudentName	StudentSurname	Age
Іван	Франко	21

SQLAdditions

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
38	17:29:30	SELECT StudentName, StudentSurname F...	12 row(s) returned	0.000 sec / 0.000 sec
39	17:31:08	SELECT StudentName FROM task29.Stud...	1 row(s) returned	0.016 sec / 0.000 sec
40	17:31:26	SELECT StudentName, StudentSurname F...	1 row(s) returned	0.000 sec / 0.000 sec
41	17:32:10	SELECT StudentName, StudentSurname, ...	1 row(s) returned	0.016 sec / 0.000 sec

Query Completed

17:32 17.06.2024

#### 4. Select only those universities that contain the letter «Y» in their name

MySQL Workbench

Local instance MySQL80 x MySQL Model\* x EER Diagram x

File Edit View Query Database Server Tools Scripting Help

Navigator: task29

SCHEMAS

task29

Tables

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universities

faculties

groups

students

SQL File 3\*

Limit to 1000 rows

1 • SELECT UniversityID, UniName, City FROM task29.Universities

2 • SELECT UniName FROM task29.Universities WHERE UniName LIKE "%Y%"

3

Result Grid

UniName

HAY

KHY

ЛHY

BHY

ДГУ

ЖДУ

ЭHY

OHY

ПДАУ

XHY

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 42	17:34:09	SELECT GroupNumber FROM task29.Groo...	6 row(s) returned	0.000 sec / 0.000 sec
✓ 43	17:35:59	SELECT UniName FROM task29.Universiti...	0 row(s) returned	0.000 sec / 0.000 sec
✓ 44	17:36:25	SELECT UniName FROM task29.Universiti...	0 row(s) returned	0.000 sec / 0.000 sec
✓ 45	17:37:02	SELECT UniName FROM task29.Universiti...	10 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Windows Taskbar: 17:37 17.06.2024

## 5. Select only those groups whose numbers are more than 300

MySQL Workbench

Local instance MySQL80 x MySQL Model\* x EER Diagram x

File Edit View Query Database Server Tools Scripting Help

Navigator: universities universities faculties **grouops** students SQL File 3\*

**SCHEMAS**

Filter objects

task29

Tables

faculties

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Administration

Information

Schema: task29

Object Info Session

Query Completed

universities universities faculties **grouops** students SQL File 3\*

Limit to 1000 rows

1 • SELECT \* FROM task29.grouops;

2 • SELECT GroupNumber FROM task29.Grouops WHERE GroupNumber >300

Result Grid

Filter Rows: Export: Wrap Cell Content: 1A

GroupNumber

302

308

401

404

506

502

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
39	17:31:08	SELECT StudentName FROM task29.Stud...	1 row(s) returned	0.016 sec / 0.000 sec
40	17:31:26	SELECT StudentName, StudentSurname F...	1 row(s) returned	0.000 sec / 0.000 sec
41	17:32:10	SELECT StudentName, StudentSurname, ...	1 row(s) returned	0.016 sec / 0.000 sec
42	17:34:09	SELECT GroupNumber FROM task29.Groo...	6 row(s) returned	0.000 sec / 0.000 sec

17:34 17.06.2024