

## Task #30

### Select all fields from Universities

The screenshot shows the MySQL Workbench interface. The SQL editor contains the query: `select * from Universities;`. The left sidebar shows the database schema with the 'universities' table selected. The bottom panel displays the 'Result Grid' with 13 rows of data. The 'Output' panel shows the execution log with two messages: 'SELECT \* FROM educationdb:groupsofstudents LIMIT 0, 1000' and 'SELECT \* FROM educationdb:students LIMIT 0, 1000'.

#	Time	Action	Message	Duration / Fetch
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

### Select only StudentName and Surname from Students

The screenshot shows the MySQL Workbench interface. The SQL editor contains the query: `select StudentName, Surname from Students;`. The left sidebar shows the database schema with the 'students' table selected. The bottom panel displays the 'Result Grid' with 12 rows of data. The 'Output' panel shows the execution log with two messages: 'select \* from Students LIMIT 0, 1000' and 'select StudentName, Surname from Students LIMIT 0, 1000'.

StudentName	Surname
Іван	Борта
Валентин	Бучко
Іван	Підлісний
Катерина	Піжур
Кирило	Качанський
Микола	Тіхон
Дмитро	Руденко
Андрій	Шарай
Федір	Поліщук
Дмитро	Балан
Матвій	Груть
Іван	Кравчук

## Select students with the name Иван

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 select * from Universities;
2
3 select * from Students;
4
5 select StudentName, Surname from Students;
6
7 select Id, StudentName, Surname, Age, GroupId from Students where StudentName = 'Ivan';
```

The Result Grid shows the following data:

Id	StudentName	Surname	Age	GroupId
1	Ivan	Борис	21	8
3	Ivan	Павлов	19	1
12	Ivan	Краснов	23	7

The Action Output shows the following results:

#	Time	Action	Message	Duration / Fetch
26	13:44:53	select StudentName, Surname from Students LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
27	13:55:27	select Id, StudentName, Surname, Age, GroupId from Students where StudentName = 'Ivan' LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

## Select only those groups with GroupNumber more than 300

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 select * from Universities;
2
3 select * from Students;
4
5 select StudentName, Surname from Students;
6
7 select Id, StudentName, Surname, Age, GroupId from Students where StudentName = 'Ivan';
8
9 select * from GroupsOfStudents;
10
11 select Id, GroupNumber, FacultyId from GroupsOfStudents where GroupNumber > 300;
```

The Result Grid shows the following data:

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

The Action Output shows the following results:

#	Time	Action	Message	Duration / Fetch
30	14:04:09	select * from GroupsOfStudents LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec
31	14:04:24	select Id, GroupNumber, FacultyId from GroupsOfStudents where GroupNumber > 300 LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

Select only those universities whose UniName contains the letter Y

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following queries:

```
6
7 • select Id, StudentName, Surname, Age, GroupId from Students where StudentName = 'Ivan';
8
9 • select * from GroupsOfStudents;
10
11 • select Id, GroupNumber, FacultyId from GroupsOfStudents where GroupNumber > 300;
12
13 • select * from Universities;
14
15 • select Id, UniName, City from Universities where UniName like '%Y%';
16
```

The Results Grid shows the results of the last query, displaying 11 rows of data:

Id	UniName	City
1	ААУ	Київ
2	БДПУ	Бердянськ
3	ВНАУ	Віля Церква
4	ВДПУ	Вінниця
5	ДТЕУ	Київ
6	ДУТ	Київ
7	ІНУ	Миколаїв
8	НУК	Миколаїв
9	ЗНУ	Запоріжжя
10	ЖДУ	Житомир
11	ОДАУ	Одеса

The Output tab shows the execution of the query:

#	Time	Action	Message	Duration / Fetch
32	14:06:31	select * from Universities LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
33	14:10:33	select Id, UniName, City from Universities where UniName like "%Y%"; LIMIT 0, 1000	14 row(s) returned	0.015 sec / 0.000 sec