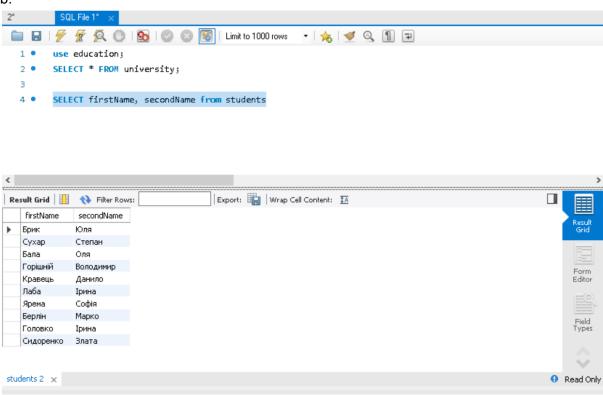
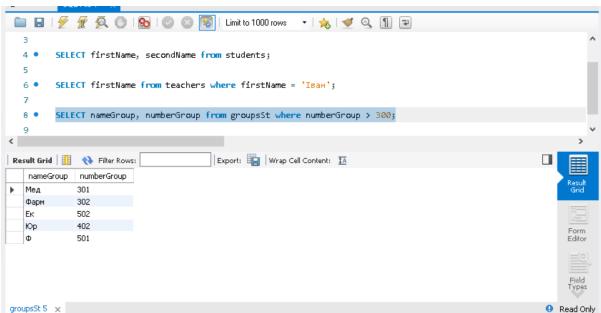


b.

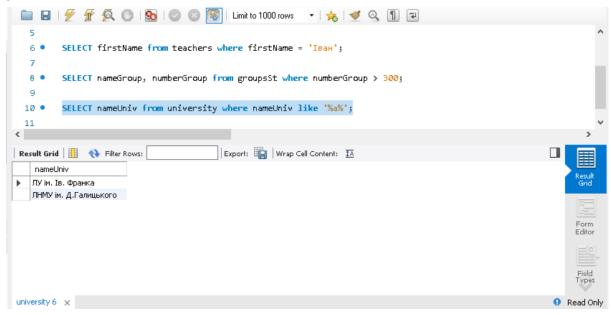


C.

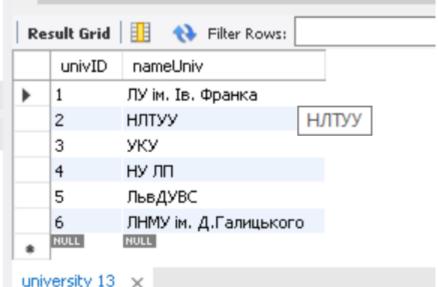
d.



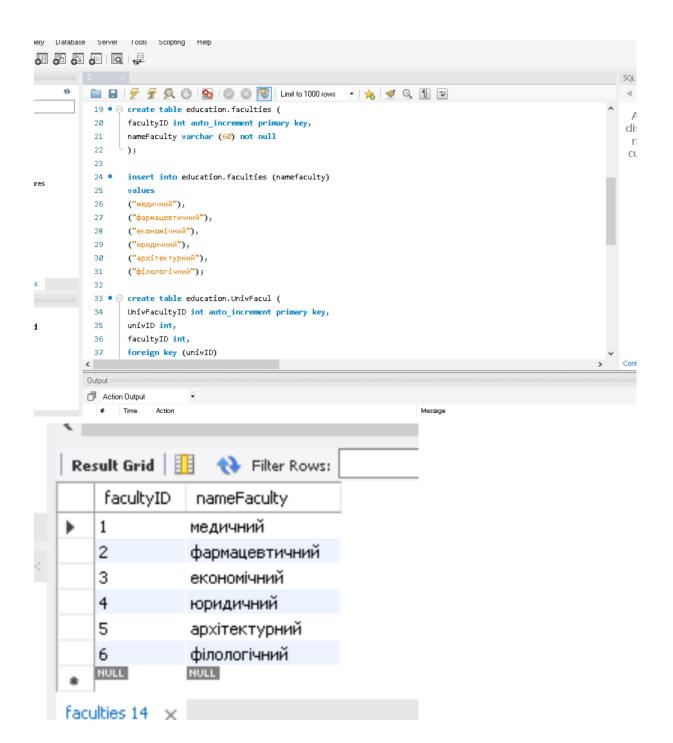
e.



```
1 • CREATE DATABASE education;
2
3 • ⊖ create table education.university (
4
      univID int auto_increment primary key,
      nameUniv varchar (60) not null
6
      );
8 • insert into education.university (nameUniv)
9
10
    ("ЛУ ім. Ів. Франка"),
      ("нлтуу"),
11
      ("УКУ"),
12
      ("НУ ЛП"),
13
      ("ЛьвДУВС"),
14
      ("ЛНМУ ім. Д.Галицького");
16
17 • select*from education.university;
     Result Grid
                              Filter Rows:
                       nameUniv
          univID
```



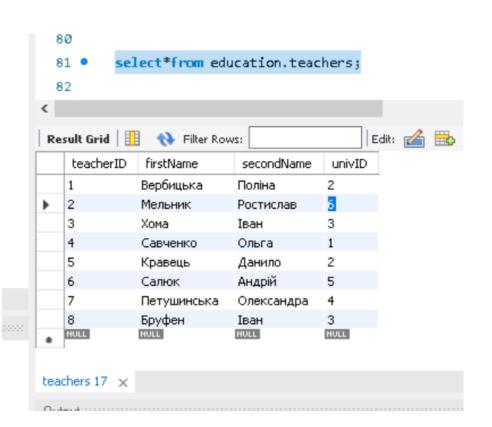
university 13 🗶



```
C MARION A THIRD 23
32
33 • ⊖ create table education.UnivFacul (
34
       UnivFacultyID int auto_increment primary key,
35
      univID int,
       facultyID int,
36
       foreign key (univID)
37
       references education.university (univID),
38
39
       foreign key (facultyID)
      references education.faculties (facultyID)
41
      );
42 •
      select*from education.UnivFacul;
43
       insert into education.UnivFacul (univID, facultyID)
44 •
45
46
       (1, 3),
47
       (1, 6),
48
       (2, 3),
49
       (2, 5),
           <
            Result Grid
                                       💎 Filter Rows:
                                                                                         Edit:
                  UnivFacultyID
                                                     facultyID
                                         univID
                                        1
                                                     3
                 1
                 2
                                                     6
                 3
                                        2
                                                     3
                 4
                                        2
                                                     5
                                                     3
                 5
                                        3
                                        3
                                                     6
                 6
                 7
                                        4
                                                     3
                 8
                                                     6
                 9
                                        5
                                                     3
                 10
                                        5
                                                     4
                                                     2
                 11
                                                     1
                 12
                 NULL
                                                    NULL
                                       NULL
```

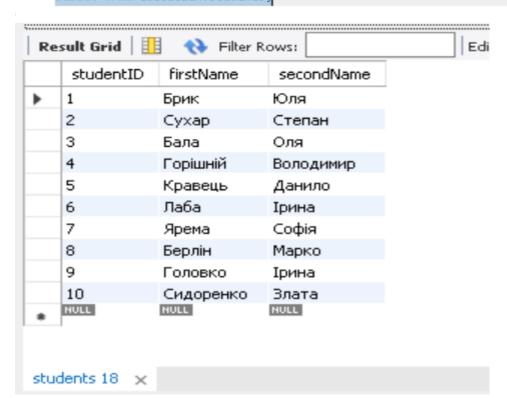
UnivFacul 15 🗶

```
| 🔚 | 🐓 💯 👰 🔘 | 🟡 | 🥥 🔞 📳 | Limit to 1000 rows 🕝 | 🛵 | 🥩 🔍 🗻
1 • ⊖ create table education.teachers (
      teacherID int auto_increment primary key,
      firstName varchar (60) not null,
      secondName varchar (60) not null,
      univID int,
      foreign key (univID)
      references education.university (univID)
a •
      insert into education.teachers (firstName, secondName,univID )
      values
      ("Вербицька", "Поліна", 2),
      ("Мельник", "Ростислав", 6),
      ("Хома", "Іван", 3),
      ("Савченко", "Ольга", 1),
      ("Кравець", "Данило", 2),
      ("Салюк", "Андрій", 5),
      ("Петушинська", "Олександра", 4),
      ("Бруфен", "Іван", 3);
```



```
• • create table education.students (
     studentID int auto_increment primary key,
     firstName varchar (60) not null,
     secondName varchar (60) not null
     );
     insert into education.students (firstName, secondName)
      values
      ("Брик", "Юля"),
      ("Сухар", "Степан"),
      ("Бала", "Оля"),
      ("Горішній", "Володимир"),
      ("Кравець", "Данило"),
      ("Лаба", "Ірина"),
      ("Ярема", "Софія"),
      ("Берлін", "Марко"),
      ("Головко", "Ірина"),
      ("Сидоренко", "Злата");
```

select*from education.students;



```
102
103
104 • ⊖ create table education.groupsSt (
        groupID int auto_increment primary key,
105
106
        nameGroup varchar (60) not null
107
108
        insert into education.groupsSt (nameGroup)
109 •
        values
110
        ("Мед-101"),
111
        ("Мед-301"),
112
113
        ("Ст-302"),
        ("EK-201"),
114
115
        ("EK-502"),
116
        ("Ф-102"),
117
        ("Hop-402"),
        ("Apx-102"),
118
119
        ("Ф-102"),
120
        ("Ф-501");
121
122
```

,	result direction 1 men		
	groupID	nameGroup	
•	1	Мед-101	
	2	Мед-301	
	3	Ст-302	
	4	Eĸ-201	
	5	Eĸ-502	
	6	Φ-102	
	7	Юр-402	
	8	Apx-102	
	9	Ф-102	
	10	Φ-501	
	NULL	NULL	

```
125 ● ⊖ create table education.informationOfStudents(
        inforID int auto_increment primary key,
126
        studentID imt,
127
128
        groupID imt,
129
        UnivFacultyID int,
130
        foreign key (studentID)
        references education.students (studentID),
131
        foreign key (groupID)
132
133
       references education.groupsSt (groupID),
134
        foreign key (UnivFacultyID)
        references education.UnivFacul (UnivFacultyID)
135
136
       -);
137
138 •
        insert into education.informationOfStudents (studentID,groupID,UnivFacultyID )
139
        values
        (10, 4, 7),
140
        (9, 1, 11),
141
        (8, 3, 12),
142
        (7, 5, 5),
144
        (6, 6, 2),
145
        (5, 7, 10),
146
        (4, 8, 4),
        (3, 2, 11),
147
        10 9 61
```

