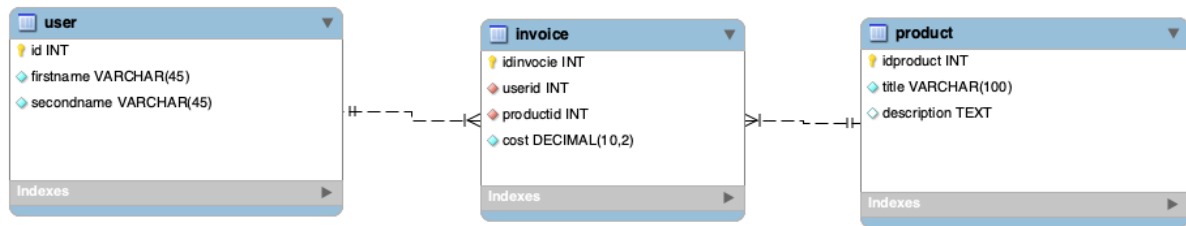


## Отчет к 2 лабораторной работе

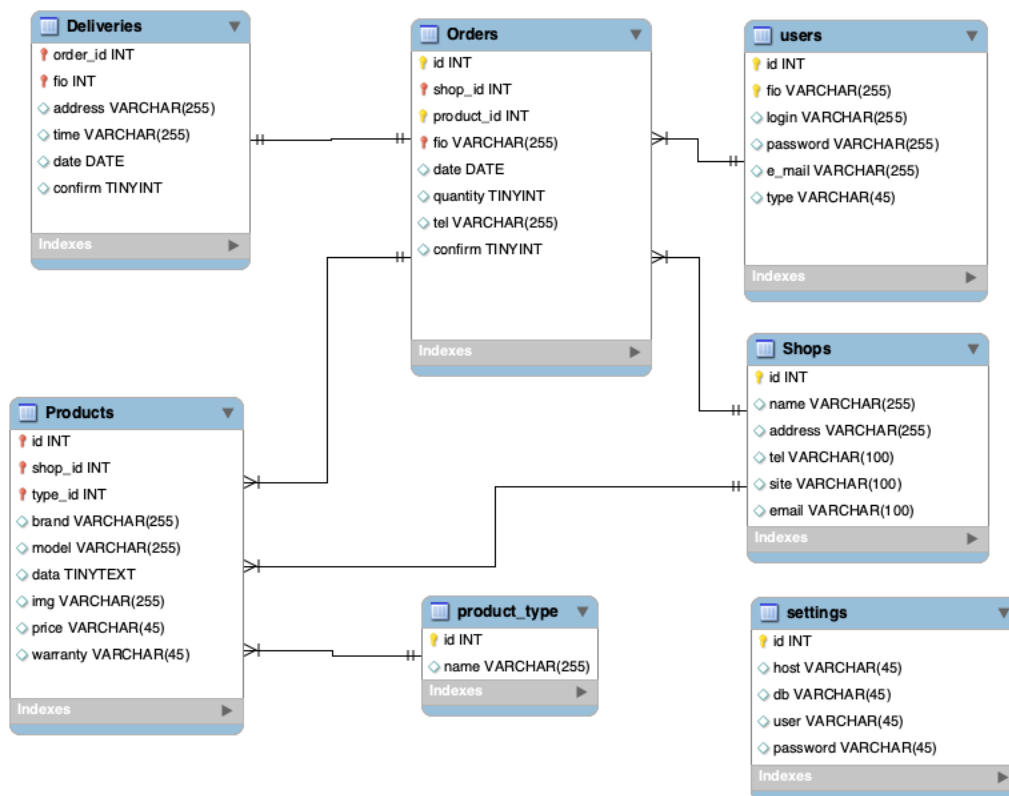
### Задание 1



Скопированный запрос, соответствующий созданию этой базы данных:

<https://gist.github.com/aPPacheR/6fa786b71b9f2754abfa877e7ddb36a0>

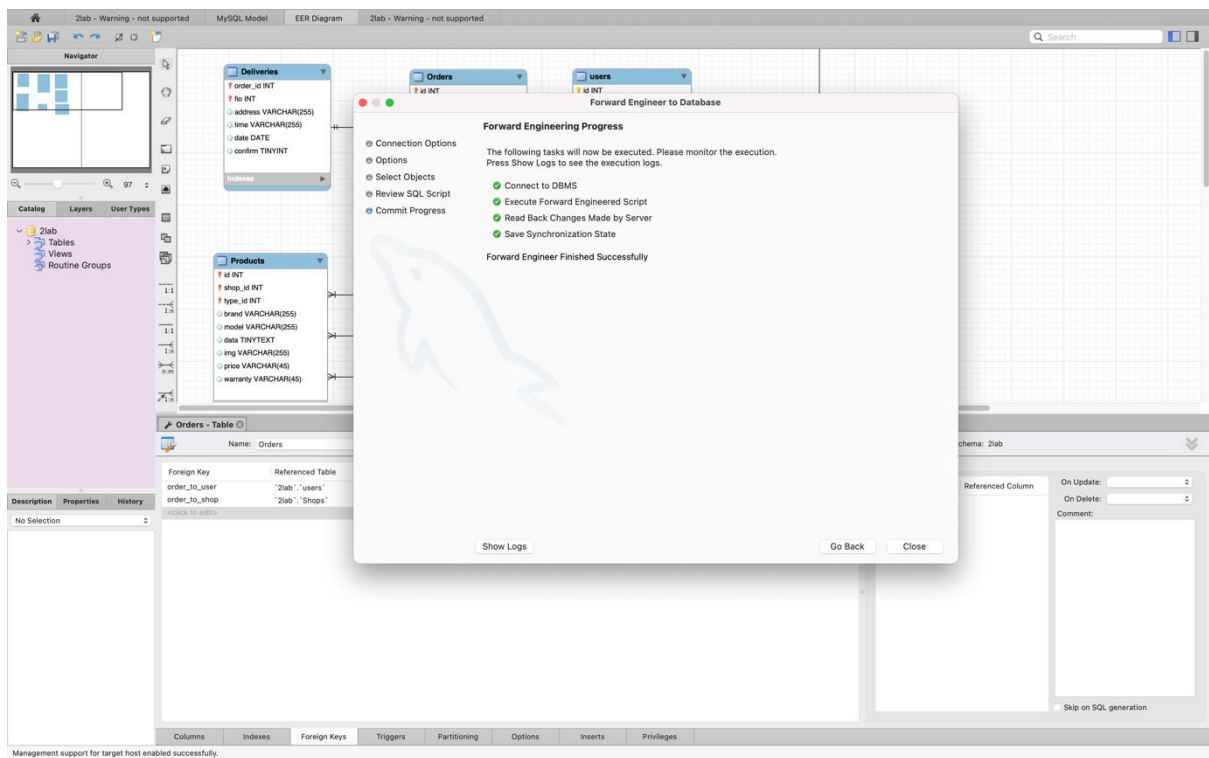
### Задание 2



Скопированный запрос, соответствующий созданию этой базы данных:

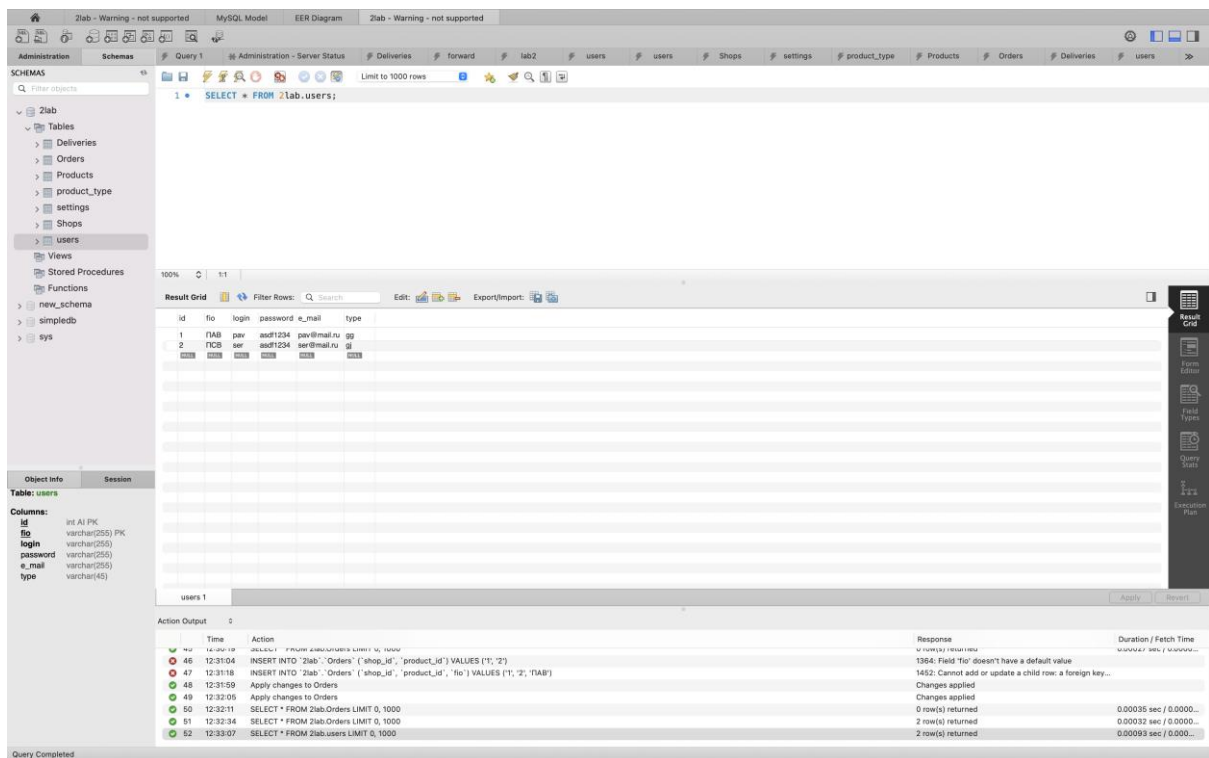
<https://gist.github.com/aPPacheR/40328b4f8e2240588d8fb1e8e78c4274>

### Задание 3



## Задание 4

### Заполнение таблиц:



2lab - Warning - not supported MySQL Model EER Diagram 2lab - Warning - not supported

Administration Schemas Query 1 Administration - Server Status Deliveries forward lab2 users users Shops settings product\_type Products Orders Deliveries users

Filter objects

2lab

- Tables
  - Deliveries
  - Orders
  - Products
  - product\_type
  - settings
  - Shops
  - users
- Views
- Stored Procedures
- Functions
- new\_schema
- simpledb
- sys

Object Info Session

Table: users

Columns:

- id int AI PK
- flo varchar(255) PK
- login varchar(255)
- password varchar(255)
- e\_mail varchar(255)
- type varchar(45)

1 • SELECT \* FROM 2lab.Shops;

Result Grid

id	name	address	tel	site	email
1	Manuier	warner	9999	dad	dadfadf
2	Therapewa	rennaga	5454	ghy	agfly

Shops 1

Action Output

Time	Action	Response	Duration / Fetch Time
47 12:31:18	INSERT INTO "2lab"."Orders" ("shop_id", "product_id", "flo") VALUES (1, 1, 1)	1452: Cannot add or update a child row: a foreign key...	
48 12:31:59	Apply changes to Orders	Changes applied	
49 12:32:05	Apply changes to Orders	Changes applied	
50 12:32:11	SELECT * FROM 2lab.Orders LIMIT 0, 1000	0 row(s) returned	0.00035 sec / 0.0000...
51 12:32:34	SELECT * FROM 2lab.Orders LIMIT 0, 1000	2 row(s) returned	0.00032 sec / 0.0000...
52 12:33:07	SELECT * FROM 2lab.users LIMIT 0, 1000	2 row(s) returned	0.00093 sec / 0.0000...
53 12:33:42	SELECT * FROM 2lab.Shops LIMIT 0, 1000	2 row(s) returned	0.00028 sec / 0.0000...

Query Completed

2lab - Warning - not supported MySQL Model EER Diagram 2lab - Warning - not supported

Administration Schemas Query 1 Administration - Server Status Deliveries forward lab2 users users Shops settings product\_type Products Orders Deliveries users

Filter objects

2lab

- Tables
  - Deliveries
  - Orders
  - Products
  - product\_type
  - settings
  - Shops
  - users
- Views
- Stored Procedures
- Functions
- new\_schema
- simpledb
- sys

Object Info Session

Table: users

Columns:

- id int AI PK
- flo varchar(255) PK
- login varchar(255)
- password varchar(255)
- e\_mail varchar(255)
- type varchar(45)

1 • SELECT \* FROM 2lab.product\_type;

Result Grid

id	name
1	apple
3	carrot
2	potato

product\_type 1

Action Output

Time	Action	Response	Duration / Fetch Time
47 12:31:18	INSERT INTO "2lab"."Orders" ("shop_id", "product_id", "flo") VALUES (1, 1, 1)	1452: Cannot add or update a child row: a foreign key...	
48 12:31:59	Apply changes to Orders	Changes applied	
49 12:32:05	Apply changes to Orders	Changes applied	
50 12:32:11	SELECT * FROM 2lab.Orders LIMIT 0, 1000	0 row(s) returned	0.00035 sec / 0.0000...
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52 12:33:07	SELECT * FROM 2lab.users LIMIT 0, 1000	2 row(s) returned	0.00093 sec / 0.0000...
53 12:33:42	SELECT * FROM 2lab.Shops LIMIT 0, 1000	2 row(s) returned	0.00028 sec / 0.0000...
54 12:33:53	SELECT * FROM 2lab.product_type LIMIT 0, 1000	3 row(s) returned	0.00028 sec / 0.0000...

Query Completed

MySQL Model EER Diagram Zlab - Warning - not supported

Administration Schemas Query 1 Administration - Server Status Deliveries forward lab2 users users Shops settings product\_type Products Orders Deliveries users

1 \* `SELECT * FROM zlab.Products;`

Limit to 1000 rows

Result Grid

id	shop_id	type_id	brand	model	data	img	price	warranty
5	1	1						
6	1	2						
7	2	2						
8	2	3						

Products 1

Action Output

Time	Action	Response	Duration / Fetch Time
12:32:05	Apply changes to Users	Users(s) returned	
12:32:11	Apply changes to Orders	Changes applied	
12:32:11	SELECT * FROM zlab.Orders LIMIT 0, 1000	0 row(s) returned	0.00035 sec / 0.0000...
12:32:34	SELECT * FROM zlab.Orders LIMIT 0, 1000	2 row(s) returned	0.00032 sec / 0.0000...
12:33:07	SELECT * FROM zlab.Users LIMIT 0, 1000	2 row(s) returned	0.00093 sec / 0.0000...
12:33:42	SELECT * FROM zlab.Shops LIMIT 0, 1000	2 row(s) returned	0.00028 sec / 0.0000...
12:33:53	SELECT * FROM zlab.product_type LIMIT 0, 1000	3 row(s) returned	0.00028 sec / 0.0000...
12:34:09	SELECT * FROM zlab.Products LIMIT 0, 1000	4 row(s) returned	0.00032 sec / 0.0000...

Query Completed

MySQL Model EER Diagram Zlab - Warning - not supported

Administration Schemas Query 1 Administration - Server Status Deliveries forward lab2 users users Shops settings product\_type Products Orders Deliveries users

1 \* `SELECT * FROM zlab.Orders;`

Limit to 1000 rows

Result Grid

id	shop_id	product_id	date	quantity	tel	confirm
1	2	2				
1	2	3				

Orders 1

Action Output

Time	Action	Response	Duration / Fetch Time
12:32:05	Apply changes to Users	Users(s) returned	
12:32:11	Apply changes to Orders	Changes applied	
12:32:11	SELECT * FROM zlab.Orders LIMIT 0, 1000	0 row(s) returned	0.00035 sec / 0.0000...
12:32:34	SELECT * FROM zlab.Orders LIMIT 0, 1000	2 row(s) returned	0.00032 sec / 0.0000...
12:33:07	SELECT * FROM zlab.Users LIMIT 0, 1000	2 row(s) returned	0.00093 sec / 0.0000...
12:33:42	SELECT * FROM zlab.Shops LIMIT 0, 1000	2 row(s) returned	0.00028 sec / 0.0000...
12:33:53	SELECT * FROM zlab.product_type LIMIT 0, 1000	3 row(s) returned	0.00028 sec / 0.0000...
12:34:09	SELECT * FROM zlab.Products LIMIT 0, 1000	4 row(s) returned	0.00032 sec / 0.0000...
12:34:22	SELECT * FROM zlab.Orders LIMIT 0, 1000	2 row(s) returned	0.00040 sec / 0.0000...

Query Completed

Если удалить связанные в нескольких таблицах данные, например в своем случае я удалил строчку в таблице users, то данные связанные с этим айди, которое я удалил, также удалились. В моем примере таблица orders стала пустая.

2lab - Warning - not supported MySQL Model EER Diagram 2lab - Warning - not supported

Administration Schemas Query 1 Administration - Server Status Deliveries forward lab2 users users Shops settings product\_type Products Orders Deliveries users

SCHEMAS

Filter objects

2lab

Tables

Deliveries

Orders

Products

product\_type

settings

Shops

users

Views

Stored Procedures

Functions

new\_schema

simpledb

sys

Object Info Session

Table: Deliveries

Columns:

order\_id Int AI PK

flo varchar(255) PK

address varchar(255)

time varchar(255)

date date

confirm tinyint

1 \* SELECT \* FROM 2lab.users;

Limit to 1000 rows

Result Grid

id	flo	login	password	e_mail	type
2	PCB	ser	asd1234	ser@mail.ru	gi

users 1

Action Output

Time	Action	Response	Duration / Fetch Time
12:38:51	SELECT * FROM 2lab.users LIMIT 0, 1000	4 row(s) returned	0.00033 sec / 0.0000...
12:38:51	Apply changes to Orders	Changes applied	
12:39:42	SELECT * FROM 2lab.users LIMIT 0, 1000	2 row(s) returned	0.00039 sec / 0.0000...
12:40:00	SELECT * FROM 2lab.Orders LIMIT 0, 1000	0 row(s) returned	0.00029 sec / 0.0000...
12:40:02	SELECT * FROM 2lab.Products LIMIT 0, 1000	4 row(s) returned	0.00038 sec / 0.0000...
12:42:04	SELECT * FROM 2lab.Orders LIMIT 0, 1000	0 row(s) returned	0.00029 sec / 0.0000...
12:42:07	SELECT * FROM 2lab.users LIMIT 0, 1000	1 row(s) returned	0.00038 sec / 0.0000...

Query Completed

2lab - Warning - not supported MySQL Model EER Diagram 2lab - Warning - not supported

Administration Schemas Query 1 Administration - Server Status Deliveries forward lab2 users users Shops settings product\_type Products Orders Deliveries users

SCHEMAS

Filter objects

2lab

Tables

Deliveries

Orders

Products

product\_type

settings

Shops

users

Views

Stored Procedures

Functions

new\_schema

simpledb

sys

Object Info Session

Table: Deliveries

Columns:

order\_id Int AI PK

flo varchar(255) PK

address varchar(255)

time varchar(255)

date date

confirm tinyint

1 \* SELECT \* FROM 2lab.Orders;

Limit to 1000 rows

Result Grid

id	shop_id	product_id	flo	date	quantity	tel	confirm
----	---------	------------	-----	------	----------	-----	---------

Orders 1

Action Output

Time	Action	Response	Duration / Fetch Time
12:38:51	SELECT * FROM 2lab.users LIMIT 0, 1000	4 row(s) returned	0.00033 sec / 0.0000...
12:38:51	Apply changes to Orders	Changes applied	
12:39:42	SELECT * FROM 2lab.users LIMIT 0, 1000	2 row(s) returned	0.00039 sec / 0.0000...
12:40:00	SELECT * FROM 2lab.Orders LIMIT 0, 1000	0 row(s) returned	0.00029 sec / 0.0000...
12:40:02	SELECT * FROM 2lab.Products LIMIT 0, 1000	4 row(s) returned	0.00038 sec / 0.0000...
12:42:04	SELECT * FROM 2lab.Orders LIMIT 0, 1000	0 row(s) returned	0.00029 sec / 0.0000...
12:42:07	SELECT * FROM 2lab.users LIMIT 0, 1000	1 row(s) returned	0.00038 sec / 0.0000...
12:42:16	SELECT * FROM 2lab.Orders LIMIT 0, 1000	0 row(s) returned	0.00028 sec / 0.0000...

Query Completed