Лабораторная работа № 2

Задание 1
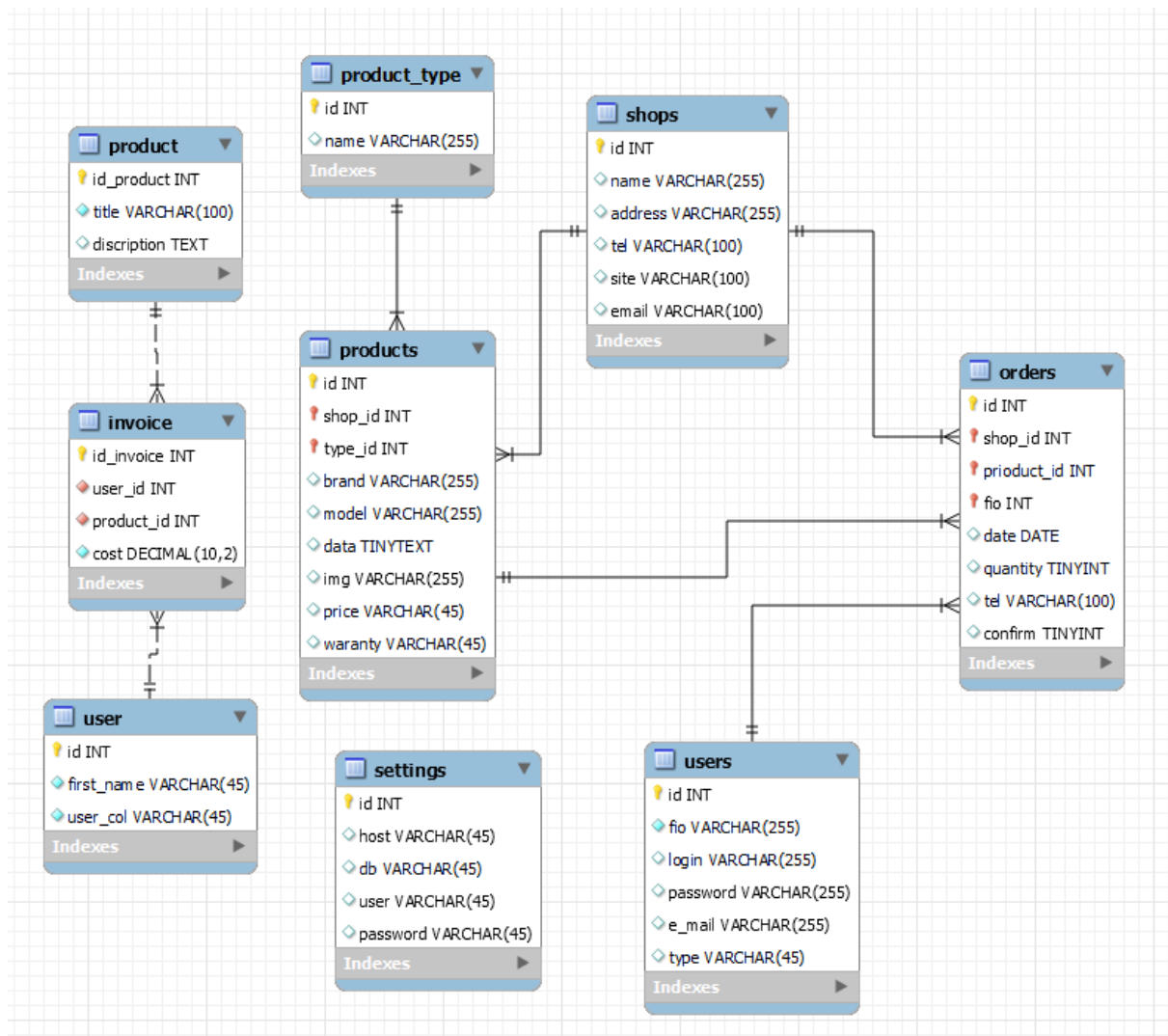

https://pastebin.com/Bw1fx8UM
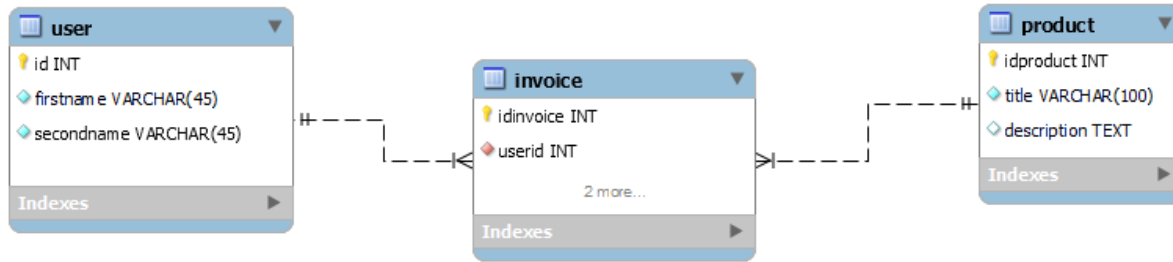
```
-- ------------------------------------------------------
-- Table `firstModel`.`invoice`
-- ------------------------------------------------------
CREATE TABLE IF NOT EXISTS `firstModel`.`invoice` (
  `idinvoice` INT NOT NULL AUTO_INCREMENT,
  `userid` INT NOT NULL,
  `productid` INT NOT NULL,
  `cost` DECIMAL(10,2) NOT NULL,
  PRIMARY KEY (`idinvoice`),
  INDEX `user_idx` (`userid` ASC) VISIBLE,
  INDEX `prod_idx` (`productid` ASC) VISIBLE,
  CONSTRAINT `user`
    FOREIGN KEY (`userid`)
    REFERENCES `firstModel`.`user` (`id`)
    ON DELETE CASCADE
    ON UPDATE CASCADE,
  CONSTRAINT `prod`
    FOREIGN KEY (`productid`)
    REFERENCES `firstModel`.`product` (`idproduct`)
    ON DELETE CASCADE
    ON UPDATE CASCADE)
ENGINE = InnoDB;
```
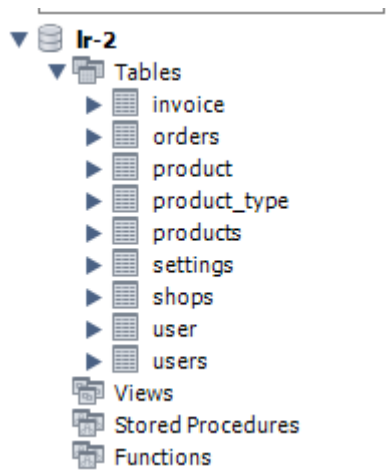
Задание 2

product_type
- id INT
- name VARCHAR(255)
- Indexes

product
- id_product INT
- title VARCHAR(100)
- discription TEXT
- Indexes

shops
- id INT
- name VARCHAR(255)
- address VARCHAR(255)
- tel VARCHAR(100)
- site VARCHAR(100)
- email VARCHAR(100)
- Indexes

products
- id INT
- shop_id INT
- type_id INT
- brand VARCHAR(255)
- model VARCHAR(255)
- data TINYTEXT
- img VARCHAR(255)
- price VARCHAR(45)
- waranty VARCHAR(45)
- Indexes

orders
- id INT
- shop_id INT
- prioduct_id INT
- fio INT
- date DATE
- quantity TINYINT
- tel VARCHAR(100)
- confirm TINYINT
- Indexes

invoice
- id_invoice INT
- user_id INT
- product_id INT
- cost DECIMAL(10,2)
- Indexes

user
- id INT
- first_name VARCHAR(45)
- user_col VARCHAR(45)
- Indexes

settings
- id INT
- host VARCHAR(45)
- db VARCHAR(45)
- user VARCHAR(45)
- password VARCHAR(45)
- Indexes

users
- id INT
- fio VARCHAR(255)
- login VARCHAR(255)
- password VARCHAR(255)
- e_mail VARCHAR(255)
- type VARCHAR(45)
- Indexes

```sql
-- -----------------------------------------------------------
-- Table `lr-2`.`orders`
-- -----------------------------------------------------------
CREATE TABLE IF NOT EXISTS `lr-2`.`orders` (
  `id` INT NOT NULL AUTO_INCREMENT,
  `shop_id` INT NOT NULL,
  `prioduct_id` INT NOT NULL,
  `fio` INT NOT NULL,
  `date` DATE NULL,
  `quantity` TINYINT NULL,
  `tel` VARCHAR(100) NULL,
  `confirm` TINYINT NULL,
  PRIMARY KEY (`id`, `shop_id`, `prioduct_id`, `fio`),
  UNIQUE INDEX `id_UNIQUE` (`id` ASC) VISIBLE,
  INDEX `shop_to_orders_idx` (`shop_id` ASC) VISIBLE,
  INDEX `products_to_orders_idx` (`prioduct_id` ASC) VISIBLE,
  INDEX `users_to_orders_idx` (`fio` ASC) VISIBLE,
  CONSTRAINT `shop_to_orders`
    FOREIGN KEY (`shop_id`)
    REFERENCES `lr-2`.`shops` (`id`)
    ON DELETE NO ACTION
```
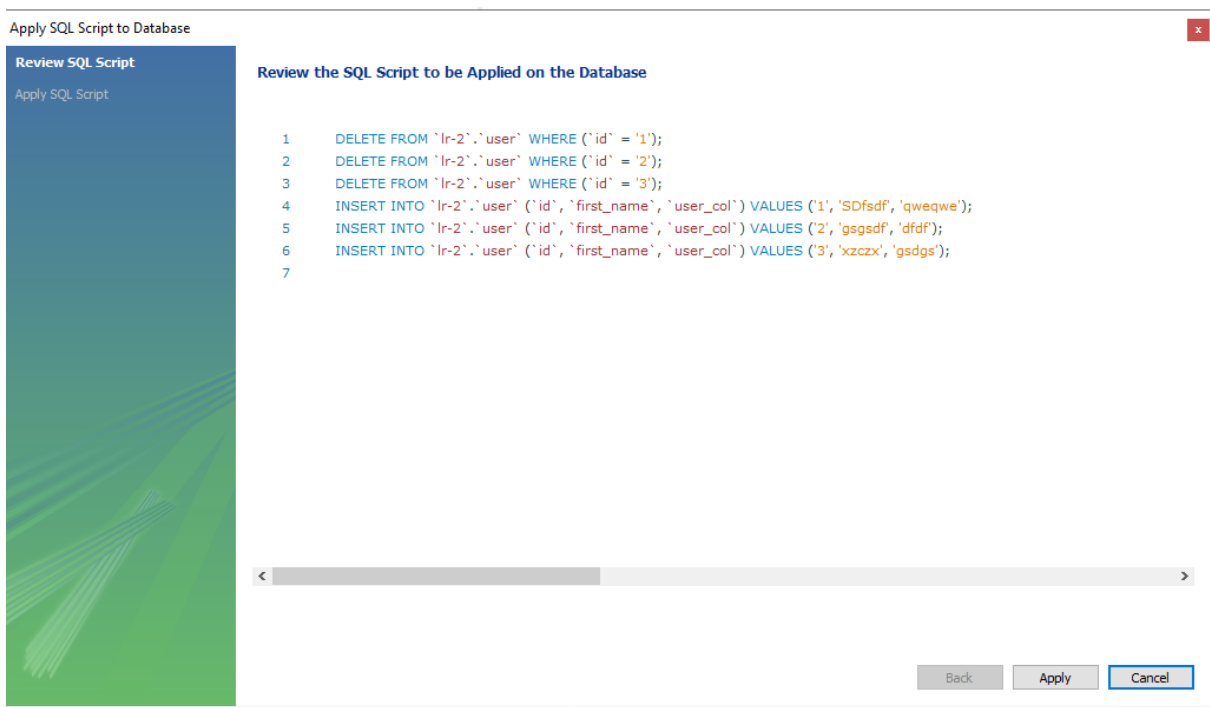
```
    ON UPDATE NO ACTION,
  CONSTRAINT `products_to_orders`
    FOREIGN KEY (`prioduct_id`)
    REFERENCES `lr-2`.`products` (`id`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
  CONSTRAINT `users_to_orders`
    FOREIGN KEY (`fio`)
    REFERENCES `lr-2`.`users` (`id`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;
```

Задание 3

Задание 4

Apply SQL Script

Applying SQL script to the database

The following tasks will now be executed. Please monitor the execution.
Press Show Logs to see the execution logs.

☑ Execute SQL Statements

SQL script was successfully applied to the database.

	id	first_name	user_col
	1	SDfsdf	qweqwe
	2	gsgsdf	dfdf
▶	3	xzczx	gsdgs
✳	NULL	NULL	NULL

Result Grid | Filter Rows: | Edit: