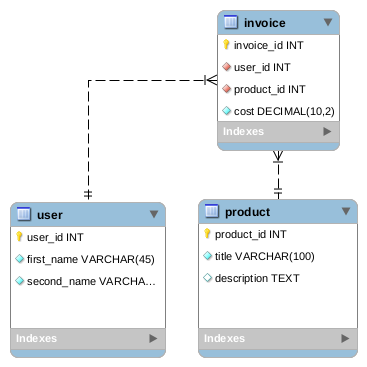
Лабораторная работа №2

*Выполнил: Шардт М.А.*

# Задание 1

1. Изображение



1. Github Gist

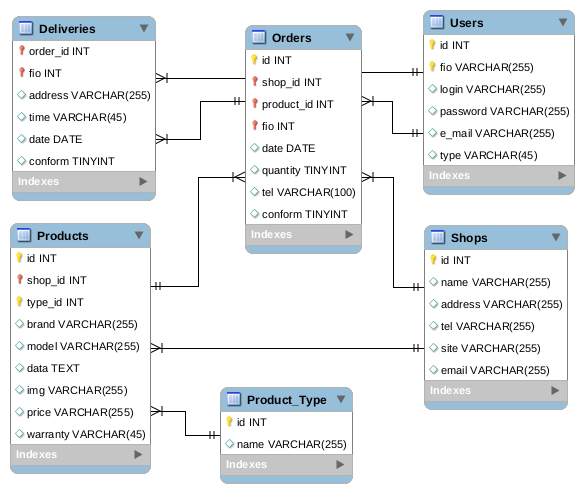
<https://gist.github.com/mxschardt/8a6a859a74f01ae9b42ad431ac97dbfc>

1. Фрагмент запроса

| CREATE TABLE IF NOT EXISTS `mydb`.`invoice` (  `invoice\_id` INT NOT NULL AUTO\_INCREMENT,  `user\_id` INT NOT NULL,  `product\_id` INT NOT NULL,  `cost` DECIMAL(10,2) NOT NULL,  PRIMARY KEY (`invoice\_id`),  INDEX `\_idx` (`user\_id` ASC) VISIBLE,  INDEX `fk\_procduct\_id\_idx` (`product\_id` ASC) VISIBLE,  CONSTRAINT `fk\_user\_id`  FOREIGN KEY (`user\_id`)  REFERENCES `mydb`.`user` (`user\_id`)  ON DELETE CASCADE  ON UPDATE CASCADE,  CONSTRAINT `fk\_procduct\_id`  FOREIGN KEY (`product\_id`)  REFERENCES `mydb`.`product` (`product\_id`)  ON DELETE CASCADE  ON UPDATE CASCADE) ENGINE = InnoDB |
| --- |

**Задание 2**

Изображение

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Гист

<https://gist.github.com/mxschardt/967ffc52ea2589074c05306bfc1db505>

Фрагмент

| CREATE TABLE IF NOT EXISTS `mydb`.`Orders` (  `id` INT NOT NULL AUTO\_INCREMENT,  `shop\_id` INT NOT NULL,  `product\_id` INT NOT NULL,  `fio` INT NOT NULL,  `date` DATE NULL,  `quantity` TINYINT NULL,  `tel` VARCHAR(100) NULL,  `conform` TINYINT NULL,  PRIMARY KEY (`id`, `product\_id`, `fio`, `shop\_id`),  INDEX `fk\_shop\_id\_idx` (`shop\_id` ASC) VISIBLE,  INDEX `fk\_product\_id\_idx` (`product\_id` ASC) VISIBLE,  INDEX `fk\_fio\_idx` (`fio` ASC) VISIBLE,  CONSTRAINT `fk\_fio`  FOREIGN KEY (`fio`)  REFERENCES `mydb`.`Users` (`id`)  ON DELETE NO ACTION  ON UPDATE NO ACTION,  CONSTRAINT `fk\_shop\_id`  FOREIGN KEY (`shop\_id`)  REFERENCES `mydb`.`Shops` (`id`)  ON DELETE NO ACTION  ON UPDATE NO ACTION,  CONSTRAINT `fk\_product\_id`  FOREIGN KEY (`product\_id`)  REFERENCES `mydb`.`Products` (`id`)  ON DELETE NO ACTION  ON UPDATE NO ACTION) ENGINE = InnoDB |
| --- |

**Задание 4**

