

SQL Statements

```
CREATE SCHEMA IF NOT EXISTS `ims`;  
USE `ims`;  
CREATE TABLE IF NOT EXISTS `ims`.`customers` (  
  `id` INT(11) NOT NULL AUTO_INCREMENT,  
  `first_name` VARCHAR(40) DEFAULT NULL,  
  `surname` VARCHAR(40) DEFAULT NULL,  
  PRIMARY KEY (`id`)  
);
```

-- creating table items

```
CREATE TABLE IF NOT EXISTS `ims`.`items` (  
  `id` INT(11) NOT NULL AUTO_INCREMENT,  
  `itemName` VARCHAR(40) DEFAULT NULL,  
  `itemPrice` VARCHAR(10) DEFAULT NULL,  
  PRIMARY KEY (`id`)  
);
```

-- creating table orders

```
CREATE TABLE IF NOT EXISTS `ims`.`orders` (  
  `id` INT(11) NOT NULL AUTO_INCREMENT,  
  `customers_id` INT NULL,  
  PRIMARY KEY (`id`),  
  CONSTRAINT `customers_id`  
  FOREIGN KEY (`customers_id`)  
  REFERENCES `test`.`customers` (`id`)  
);
```

-- creating table order_items

```
CREATE TABLE `ims`.`orders_items` (  
  `id` INT(11) NOT NULL AUTO_INCREMENT,  
  `order_id` INT NULL,  
  `item_id` INT NULL,  
  PRIMARY KEY (`id`),  
  FOREIGN KEY (`order_id`) REFERENCES `orders` (`id`),  
  FOREIGN KEY (`item_id`) REFERENCES `items` (`id`)  
);
```

```
`idordders_items` INT NOT NULL,  
`orders_id` INT NULL,  
`items_id` INT NULL,  
PRIMARY KEY (`idordders_items`),  
CONSTRAINT `orders_id`  
  FOREIGN KEY (`orders_id`)  
  REFERENCES `test`.`orders` (`id`),  
CONSTRAINT `items_id`  
  FOREIGN KEY (`items_id`)  
  REFERENCES `test`.`items` (`id`)  
);
```