CREATE TABLE roles (

roleId INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

roleName VARCHAR(50) NOT NULL);

CREATE TABLE users (

userId int NOT NULL PRIMARY KEY AUTO\_INCREMENT,

username varchar(50) DEFAULT NULL,

password varchar(50) DEFAULT NULL,

lastname varchar(50) DEFAULT NULL,

firstname varchar(50) DEFAULT NULL,

street varchar(100) DEFAULT NULL,

city varchar(50) DEFAULT NULL,

zip varchar(45) DEFAULT NULL,

roleId int DEFAULT NULL,

KEY users\_roles\_fk\_idx (roleId),

CONSTRAINT users\_roles\_fk FOREIGN KEY (roleId) REFERENCES roles (roleId)

);

CREATE TABLE category (

categoryId INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

categoryName VARCHAR(50));

CREATE TABLE items (

itemId INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

categoryId INT DEFAULT NULL,

itemDescription VARCHAR(200) DEFAULT NULL,

price FLOAT DEFAULT NULL,

quantity INT DEFAULT NULL,

KEY item\_category\_fk\_idx (categoryId),

CONSTRAINT item\_category\_fk FOREIGN KEY (categoryId) REFERENCES category (categoryId)

);

INSERT INTO roles (roleName) VALUES('Admin');

INSERT INTO roles (roleName) VALUES('Regular User');

INSERT INTO `wesley`.`users`(`username`,`password`,`lastname`,`firstname`,`street`,`city`,`zip`,`roleId`)

VALUES('admin', 'Boss1234', 'User', 'Admin', 'HQ', 'Billings', 12345, 1);

INSERT INTO `wesley`.`users`(`username`,`password`,`lastname`,`firstname`,`street`,`city`,`zip`,`roleId`)

VALUES('jane', 'Test1234', 'Doe', 'Jane', '123 Main St', 'Billings', 12345, 2);

SELECT \* FROM items WHERE categoryId=1;

SELECT \* FROM items WHERE price BETWEEN 100 AND 200;

SELECT \* FROM items WHERE quantity>0;

SELECT \* FROM items WHERE quantity<1;