/\*

-- Query: SELECT \* FROM Customers

ORDER BY first\_name

LIMIT 0, 1000

-- Date: 2023-07-19 00:35

\*/

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (4,'Ambur','Roseburgh','1974-04-14','407-231-8017','30 Arapahoe Terrace','Orlando','FL',457);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (1,'Babara','MacCaffrey','1986-03-28','781-932-9754','0 Sage Terrace','Waltham','MA',2273);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (5,'Clemmie','Betchley','1973-11-07',NULL,'5 Spohn Circle','Arlington','TX',3675);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (6,'Elka','Twiddell','1991-09-04','312-480-8498','7 Manley Drive','Chicago','IL',3073);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (3,'Freddi','Boagey','1985-02-07','719-724-7869','251 Springs Junction','Colorado Springs','CO',2967);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (7,'Ilene','Dowson','1964-08-30','615-641-4759','50 Lillian Crossing','Nashville','TN',1672);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (2,'Ines','Brushfield','1986-04-13','804-427-9456','14187 Commercial Trail','Hampton','VA',947);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (10,'Levy','Mynett','1969-10-13','404-246-3370','68 Lawn Avenue','Atlanta','GA',796);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (9,'Romola','Rumgay','1992-05-23','559-181-3744','3520 Ohio Trail','Visalia','CA',1486);

INSERT INTO `` (`customer\_id`,`first\_name`,`last\_name`,`birth\_date`,`phone`,`address`,`city`,`state`,`points`) VALUES (8,'Thacher','Naseby','1993-07-17','941-527-3977','538 Mosinee Center','Sarasota','FL',205);

-- Query 1--

USE Store;

-- Query 1 continued--

SELECT \* FROM Customers

ORDER BY first\_name;

-- Utilities the 'store' database--

-- Query 2--

SELECT \*FROM Customers;

SELECT \* WHERE birth\_date>'1990-01-01';

-- Query 3--

SELECT \* FROM Customers WHERE first\_name LIKE 'A%'AND last\_name LIKE'M%';

##########~SELECT MIN (point)FROM Customers;

SELECT MIN(points),MAX(points) FROM CUSTOMERS;

SELECT city FROM Customers WHERE first\_name= 'Levy' AND last\_name= 'Mynett';

SELECT Count Shippers\_ID

SELECT\* FROM orders;

SELECT status FROM orders WHERE customer\_id=7;

SELECT status FROM orders WHERE customer\_id=10;

SELECT\* FROM Shippers;

SELECT \* FROM Shippers WHERE Shipper\_id=5;

#Connect to the Database named 'store and view the customer view the customer table.

USE store;

#SELECT all records from the table named 'customers'.

SELECT\*FROM Customers;

# Arrange customer's names in ascending order

### SELECT \*FROM Customers ORDER BY first\_name;

# Records of customer's born after '01-01-1990'

# Create a new query to find all the customers with a birth date of > '1990-01-01'

SELECT\*FROM Customers WHERE birth\_date > '1990-01-01';

SELECT \* FROM Customers WHERE first\_name LIKE 'A%'AND last\_name LIKE'R%';

##########~SELECT MIN (point)FROM Customers;

-- There are--

SELECT MIN(points),MAX(points) FROM CUSTOMERS;

SELECT city FROM Customers WHERE first\_name= 'Levy' AND last\_name= 'Mynett';

#The product table was found in the SCHEMAS on the left hand side

SELECT\* FROM products;

#Name of products between 3 and 8

SELECT name FROM products WHERE unit\_price BETWEEN 3 AND 8;

SELECT\* FROM orders;

SELECT status FROM orders WHERE customer\_id=7;

DROP DATABASE IF EXISTS `store`;

CREATE DATABASE `store`;

USE `store`;

CREATE TABLE `products` (

`product\_id` int(11) NOT NULL AUTO\_INCREMENT,

`name` varchar(50) NOT NULL,

`quantity\_in\_stock` int(11) NOT NULL,

`unit\_price` decimal(4,2) NOT NULL,

PRIMARY KEY (`product\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=11 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

INSERT INTO `products` VALUES (1,'Foam Dinner Plate',70,1.21);

INSERT INTO `products` VALUES (2,'Pork - Bacon,back Peameal',49,4.65);

INSERT INTO `products` VALUES (3,'Lettuce - Romaine, Heart',38,3.35);

INSERT INTO `products` VALUES (4,'Brocolinni - Gaylan, Chinese',90,4.53);

INSERT INTO `products` VALUES (5,'Sauce - Ranch Dressing',94,1.63);

INSERT INTO `products` VALUES (6,'Petit Baguette',14,2.39);

INSERT INTO `products` VALUES (7,'Sweet Pea Sprouts',98,3.29);

INSERT INTO `products` VALUES (8,'Island Oasis - Raspberry',26,0.74);

INSERT INTO `products` VALUES (9,'Longan',67,2.26);

INSERT INTO `products` VALUES (10,'Broom - Push',6,1.09);

CREATE TABLE `shippers` (

`shipper\_id` smallint(6) NOT NULL AUTO\_INCREMENT,

`name` varchar(50) NOT NULL,

PRIMARY KEY (`shipper\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

INSERT INTO `shippers` VALUES (1,'Hettinger LLC');

INSERT INTO `shippers` VALUES (2,'Schinner-Predovic');

INSERT INTO `shippers` VALUES (3,'Satterfield LLC');

INSERT INTO `shippers` VALUES (4,'Mraz, Renner and Nolan');

INSERT INTO `shippers` VALUES (5,'Waters, Mayert and Prohaska');

CREATE TABLE `customers` (

`customer\_id` int(11) NOT NULL AUTO\_INCREMENT,

`first\_name` varchar(50) NOT NULL,

`last\_name` varchar(50) NOT NULL,

`birth\_date` date DEFAULT NULL,

`phone` varchar(50) DEFAULT NULL,

`address` varchar(50) NOT NULL,

`city` varchar(50) NOT NULL,

`state` char(2) NOT NULL,

`points` int(11) NOT NULL DEFAULT '0',

PRIMARY KEY (`customer\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=11 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

INSERT INTO `customers` VALUES (1,'Babara','MacCaffrey','1986-03-28','781-932-9754','0 Sage Terrace','Waltham','MA',2273);

INSERT INTO `customers` VALUES (2,'Ines','Brushfield','1986-04-13','804-427-9456','14187 Commercial Trail','Hampton','VA',947);

INSERT INTO `customers` VALUES (3,'Freddi','Boagey','1985-02-07','719-724-7869','251 Springs Junction','Colorado Springs','CO',2967);

INSERT INTO `customers` VALUES (4,'Ambur','Roseburgh','1974-04-14','407-231-8017','30 Arapahoe Terrace','Orlando','FL',457);

INSERT INTO `customers` VALUES (5,'Clemmie','Betchley','1973-11-07',NULL,'5 Spohn Circle','Arlington','TX',3675);

INSERT INTO `customers` VALUES (6,'Elka','Twiddell','1991-09-04','312-480-8498','7 Manley Drive','Chicago','IL',3073);

INSERT INTO `customers` VALUES (7,'Ilene','Dowson','1964-08-30','615-641-4759','50 Lillian Crossing','Nashville','TN',1672);

INSERT INTO `customers` VALUES (8,'Thacher','Naseby','1993-07-17','941-527-3977','538 Mosinee Center','Sarasota','FL',205);

INSERT INTO `customers` VALUES (9,'Romola','Rumgay','1992-05-23','559-181-3744','3520 Ohio Trail','Visalia','CA',1486);

INSERT INTO `customers` VALUES (10,'Levy','Mynett','1969-10-13','404-246-3370','68 Lawn Avenue','Atlanta','GA',796);

CREATE TABLE `order\_statuses` (

`order\_status\_id` tinyint(4) NOT NULL,

`name` varchar(50) NOT NULL,

PRIMARY KEY (`order\_status\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

INSERT INTO `order\_statuses` VALUES (1,'Processed');

INSERT INTO `order\_statuses` VALUES (2,'Shipped');

INSERT INTO `order\_statuses` VALUES (3,'Delivered');

CREATE TABLE `orders` (

`order\_id` int(11) NOT NULL AUTO\_INCREMENT,

`customer\_id` int(11) NOT NULL,

`order\_date` date NOT NULL,

`status` tinyint(4) NOT NULL DEFAULT '1',

`comments` varchar(2000) DEFAULT NULL,

`shipped\_date` date DEFAULT NULL,

`shipper\_id` smallint(6) DEFAULT NULL,

PRIMARY KEY (`order\_id`),

KEY `fk\_orders\_customers\_idx` (`customer\_id`),

KEY `fk\_orders\_shippers\_idx` (`shipper\_id`),

KEY `fk\_orders\_order\_statuses\_idx` (`status`),

CONSTRAINT `fk\_orders\_customers` FOREIGN KEY (`customer\_id`) REFERENCES `customers` (`customer\_id`) ON UPDATE CASCADE,

CONSTRAINT `fk\_orders\_order\_statuses` FOREIGN KEY (`status`) REFERENCES `order\_statuses` (`order\_status\_id`) ON UPDATE CASCADE,

CONSTRAINT `fk\_orders\_shippers` FOREIGN KEY (`shipper\_id`) REFERENCES `shippers` (`shipper\_id`) ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=11 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

INSERT INTO `orders` VALUES (1,6,'2019-01-30',1,NULL,NULL,NULL);

INSERT INTO `orders` VALUES (2,7,'2018-08-02',2,NULL,'2018-08-03',4);

INSERT INTO `orders` VALUES (3,8,'2017-12-01',1,NULL,NULL,NULL);

INSERT INTO `orders` VALUES (4,2,'2017-01-22',1,NULL,NULL,NULL);

INSERT INTO `orders` VALUES (5,5,'2017-08-25',2,'','2017-08-26',3);

INSERT INTO `orders` VALUES (6,10,'2018-11-18',1,'Aliquam erat volutpat. In congue.',NULL,NULL);

INSERT INTO `orders` VALUES (7,2,'2018-09-22',2,NULL,'2018-09-23',4);

INSERT INTO `orders` VALUES (8,5,'2018-06-08',1,'Mauris enim leo, rhoncus sed, vestibulum sit amet, cursus id, turpis.',NULL,NULL);

INSERT INTO `orders` VALUES (9,10,'2017-07-05',2,'Nulla mollis molestie lorem. Quisque ut erat.','2017-07-06',1);

INSERT INTO `orders` VALUES (10,6,'2018-04-22',2,NULL,'2018-04-23',2);

CREATE TABLE `order\_items` (

`order\_id` int(11) NOT NULL AUTO\_INCREMENT,

`product\_id` int(11) NOT NULL,

`quantity` int(11) NOT NULL,

`unit\_price` decimal(4,2) NOT NULL,

PRIMARY KEY (`order\_id`,`product\_id`),

KEY `fk\_order\_items\_products\_idx` (`product\_id`),

CONSTRAINT `fk\_order\_items\_orders` FOREIGN KEY (`order\_id`) REFERENCES `orders` (`order\_id`) ON UPDATE CASCADE,

CONSTRAINT `fk\_order\_items\_products` FOREIGN KEY (`product\_id`) REFERENCES `products` (`product\_id`) ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=11 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

INSERT INTO `order\_items` VALUES (1,4,4,3.74);

INSERT INTO `order\_items` VALUES (2,1,2,9.10);

INSERT INTO `order\_items` VALUES (2,4,4,1.66);

INSERT INTO `order\_items` VALUES (2,6,2,2.94);

INSERT INTO `order\_items` VALUES (3,3,10,9.12);

INSERT INTO `order\_items` VALUES (4,3,7,6.99);

INSERT INTO `order\_items` VALUES (4,10,7,6.40);

INSERT INTO `order\_items` VALUES (5,2,3,9.89);

INSERT INTO `order\_items` VALUES (6,1,4,8.65);

INSERT INTO `order\_items` VALUES (6,2,4,3.28);

INSERT INTO `order\_items` VALUES (6,3,4,7.46);

INSERT INTO `order\_items` VALUES (6,5,1,3.45);

INSERT INTO `order\_items` VALUES (7,3,7,9.17);

INSERT INTO `order\_items` VALUES (8,5,2,6.94);

INSERT INTO `order\_items` VALUES (8,8,2,8.59);

INSERT INTO `order\_items` VALUES (9,6,5,7.28);

INSERT INTO `order\_items` VALUES (10,1,10,6.01);

INSERT INTO `order\_items` VALUES (10,9,9,4.28);

CREATE TABLE `sql\_store`.`order\_item\_notes` (

`note\_id` INT NOT NULL,

`order\_Id` INT NOT NULL,

`product\_id` INT NOT NULL,

`note` VARCHAR(255) NOT NULL,

PRIMARY KEY (`note\_id`));

INSERT INTO `order\_item\_notes` (`note\_id`, `order\_Id`, `product\_id`, `note`) VALUES ('1', '1', '2', 'first note');

INSERT INTO `order\_item\_notes` (`note\_id`, `order\_Id`, `product\_id`, `note`) VALUES ('2', '1', '2', 'second note');