-- 1

SELECT\* FROM customers;

-- 2

SELECT country FROM customers GROUP BY country;

-- 3

SELECT \* FROM customers WHERE customerID LIKE 'BL%';

-- 4

SELECT \* FROM orders LIMIT 100;

-- 5

SELECT \* FROM customers WHERE PostalCode IN( '1010', '3012', '12209', '05023');

-- 6

SELECT \* FROM orders WHERE ShipRegion IS NOT NULL;

-- 7

SELECT \* FROM customers ORDER BY Country, City ASC;

-- 8

INSERT INTO customers (CustomerID, CompanyName, ContactName, ContactTitle, Address, City, Region, PostalCode, Country, Phone, Fax, Image, ImageThumbnail )

VALUES ('LION', 'Great Company', 'Johnny Sing', 'Owner', '226 WhateverRoad', 'Seoul', 'NULL', '12209', 'South Korea', '(313) 435-7654', 'NULL', 'NULL', 'NULL');

-- 9

SELECT\* FROM orders;

SET SQL\_SAFE\_UPDATES = 0;

UPDATE orders SET ShipRegion = 'EuroZone' WHERE ShipCountry = 'France';

-- 10

SELECT\* FROM `order details`;

DELETE FROM `order details` WHERE Quantity = 1;

-- 11

SELECT AVG(Quantity) FROM `order details`;

SELECT MIN(Quantity) FROM `order details`;

SELECT MAX(Quantity) FROM `order details`;

-- 12

SELECT AVG(quantity) FROM `order details` GROUP BY OrderID;

SELECT MIN (quantity) FROM `order details` GROUP BY OrderID; ;

SELECT MAX (quantity) FROM `order details` GROUP BY OrderID; ;

-- 13

SELECT \* FROM orders WHERE CustomerID = 10290;

-- 14 Inner

SELECT Orders.CustomerID, Customers.CustomerID

FROM Orders

INNER JOIN Customers ON Orders.CustomerID=Customers.CustomerID;

-- 14 Left

SELECT Customers.CompanyName, Orders.ShipName

FROM Customers

LEFT JOIN Orders ON Customers.CompanyName = Orders.ShipName

ORDER BY Customers.CompanyName;

-- 14 Right

SELECT Orders.OrderID, customers.companyName

FROM Orders

RIGHT JOIN customers ON Orders.CustomerID = Customers.CustomerID

ORDER BY Orders.OrderID;

-- 15

SELECT FirstName FROM employees WHERE ReportsTo IS NULL;

-- 16

SELECT FirstName FROM employees WHERE ReportsTo = 'Andrew';

-- Create Student

CREATE TABLE `student` (

`id` int(11) NOT NULL,

`name` varchar(45) DEFAULT NULL,

`class\_id` int(11) DEFAULT NULL

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

-- Create Class

CREATE TABLE `class` (

`id` int(11) NOT NULL,

`title` varchar(45) DEFAULT NULL

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