**CREATE DATABASE INTERNETSTORE.**

CREATE DATABASE INTERNETSTORE;

USE INTERNETSTORE;

CREATE TABLE Clients

(

ClientsID int primary key not null auto_increment,

Name1 varchar(20),

LastName varchar(20),

Age int

);


CREATE TABLE Cities

(

CitiesID int primary key not null auto_increment,

cityName varchar(20),

Clientsid int,

foreign key (ClientsID) references Clients (ClientsID)

);


CREATE TABLE ClientsData

(

ClientsDataID int primary key not null auto_increment,

DataOfBird long,

DataOfRegistration long,

clientNumber long,

Clientsid int,

foreign key (ClientsID) references Clients(ClientsID)

);


CREATE TABLE Orders

(

OrdersID int primary key not null auto_increment,

NameOrders Varchar(20),

ClientsID int,

```sql
foreign key (ClientsID) references Clients(ClientsID)

);


CREATE TABLE Price

(

PriceID int primary key not null auto_increment,

Price int,

OrdersID int,

foreign key (OrdersID) references Orders(OrdersID)

);


CREATE TABLE Discounts

(

DiscountsID int primary key not null auto_increment,

NewPrice int,

PriceID int,

foreign key (PriceID) references Price(PriceID)

);


CREATE TABLE Delivery

(

DeliveryID int primary key not null auto_increment,

TypeDelivery varchar(20),

OrdersID int,

foreign key (OrdersID) references Orders(OrdersID)

);


INSERT INTO INTERNETSTORE.Clients (Name1, LastName, Age) VALUES

('Vlad', 'Strin', 27),

('Valera', 'Beyker', 37),

('Stiven', 'King', 47),

('Brus', 'Lee', 87),

('Katy', 'Stivensson', 97);
```

```sql
INSERT INTO INTERNETSTORE.Cities (cityName) VALUES

('Kyiv'),

('Lviv'),

('Odessa'),

('Kherson'),

('Vinnitsa');


select* from Delivery;


INSERT INTO INTERNETSTORE.ClientsData(DataOfBird, DataOfRegistration, clientNumber) VALUES

('03.03.1983', '03.03,2000', '0678965412'),

('23.09.1981', '03.03,2010', '0678965412'),

('12.03,1982', '03.03,2020', '0678965412'),

('19.03,1983', '03.03,2019', '0678965412'),

('30.03,1984', '03.03,2017', '0678965412');


INSERT INTO INTERNETSTORE.Orders(NameOrders) VALUES

('Bag'),

('Tablet'),

('Phone'),

('Computer'),

('Laptop');


INSERT INTO INTERNETSTORE.Price(Price) VALUES

('11000'),

('22000'),

('33000'),

('50000'),

('90000');


INSERT INTO INTERNETSTORE.Discounts(NewPrice) VALUES

('10000'),

('20000'),

('30000'),
```

('45000'),

('80000');


INSERT INTO INTERNETSTORE.Delivery(TypeDelivery) VALUES

('Nova Pochta'),

('American Express'),

('Ukr Pochta'),

('Nova Pochta'),

('Nova Pochta');


UPDATE internetstore.cities SET `Clientsid` = '1' WHERE (`CitiesID` = '1');

UPDATE internetstore.cities SET `Clientsid` = '2' WHERE (`CitiesID` = '2');

UPDATE internetstore.cities SET `Clientsid` = '3' WHERE (`CitiesID` = '3');

UPDATE internetstore.cities SET `Clientsid` = '4' WHERE (`CitiesID` = '4');

UPDATE internetstore.cities SET `Clientsid` = '5' WHERE (`CitiesID` = '5');


## The executing SQL commands.

select cityName from cities where cityName LIKE "%v";


SELECT * FROM Clients;


SELECT  cityName FROM Cities;


SELECT  cityName FROM Cities WHERE cityName = 'Kyiv';


SELECT  cityName FROM Cities WHERE cityName LIKE '%v';


SELECT  * FROM orders WHERE OrdersID = 3;


SELECT  * FROM orders WHERE NameOrders LIKE '%r';


SELECT  Name1 as NAMEEEE, LastName FROM Clients WHERE Name1 LIKE '%e%';


SELECT  Age, Name1 FROM Clients WHERE Age LIKE '%3%';

```sql
SELECT Age, LastName FROM Clients WHERE age > 37;


SELECT  Age, LastName FROM Clients WHERE Age = 87 AND Name1 = "Brus";


SELECT  Age, Name1, LastName FROM Clients WHERE Age = 87 OR Age = 97;


SELECT cities.cityName as CN, cities.ClientsID as CId, orders.NameOrders as NaM,
       orders.OrdersID as Oid
FROM cities
INNER JOIN orders ON Cities.CitiesID=orders.Ordersid WHERE Ordersid=3;


SELECT cities.cityName, clients.Name1, clients.LastName, clients.Age
FROM cities
LEFT JOIN clients ON clients.clientsid=Cities.CitiesID;


SELECT cities.cityName, clients.Name1, clients.LastName, clients.Age
FROM cities
RIGHT JOIN clients ON clients.clientsid=Cities.CitiesID;


SELECT cities.cityName, clients.Name1, clients.LastName, clients.Age
FROM cities
RIGHT JOIN clients ON clients.clientsid=Cities.CitiesID
GROUP BY age;


SELECT cities.cityName, clients.Name1, clients.LastName, clients.Age
FROM cities
JOIN clients ON clients.clientsid=Cities.CitiesID AND Age=97;


SELECT Name1, LastName, Age FROM clients
UNION ALL SELECT * FROM delivery;


SELECT Name1, LastName FROM clients
  WHERE Name1 IN (SELECT
    NewPrice FROM discounts
    WHERE PriceID='30000');
```