**МИНИСТЕРСТВО ОБРАЗОВАНИЯ И НАУКИ РОССИЙСКОЙ ФЕДЕРАЦИИФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ АВТОНОМНОЕ ОБРАЗОВАТЕЛЬНОЕ УЧРЕЖДЕНИЕ ВЫСШЕГО ОБРАЗОВАНИЯ**

**«Санкт–Петербургский национальный исследовательский университет**

**информационных технологий, механики и оптики»**

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**Санкт-Петербург 2018**

**Скрипт создания Базы данных вместе с таблицами**

create database Store collate SQL\_Latin1\_General\_CP1\_CI\_AS

go

create table Customer

(

    CustomerID int identity

        primary key,

    FullName text not null,

    Login varchar(26) not null,

    password varchar(26) not null

)

go

create table Order

(

    OrderID int not null

        primary key,

    Address varchar(100) not null,

    Phone varchar(10) not null,

    Commentary text not null,

    CustomerID int not null

        constraint Order\_Customer\_CustomerID\_fk

            references Customer

)

go

create table Product

(

    ProductID int not null

        primary key,

    Title varchar(128) not null,

    Weight int not null,

    Size varchar(32),

    Color varchar(32),

    Description text,

    Quanity int,

    Price money not null

)

go

create table Vendor

(

    VendorID int identity

        primary key,

    Title varchar(128) not null,

    ProductID int

        constraint Vendor\_Product\_ProductID\_fk

            references Product

)

go

create table OrderProduct

(

    OrderID int not null

        constraint OrderProduct\_Order\_OrderID\_fk

            references Order,

    ProductID int not null

        constraint OrderProduct\_Product\_ProductID\_fk

            references Product,

    constraint PK\_\_OrderPro\_\_C3905BAF2B033A33

        primary key (OrderID, ProductID)

)

go

create table Commentary

(

    CustomerID int not null

        constraint Commentary\_Customer\_CustomerID\_fk

            references Customer,

    ProductID int not null

        constraint Commentary\_Product\_ProductID\_fk

            references Product,

    Feedback text not null,

    constraint Commentary\_pk

        primary key (CustomerID, ProductID)

)

go

**Заполнение данных (пример на 3 таблицах по 10 строк в каждой)**

**Заполнение таблицы Product**

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (1, 'Beer - Labatt Blue', 7647, 'S', 'Fuscia', 'pulvinar nulla pede ullamcorper augue a suscipit nulla elit ac nulla sed vel enim sit amet nunc viverra dapibus', 70816, 77307.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (2, 'Pasta - Fusili, Dry', 2283, 'S', 'Blue', 'id nisl venenatis lacinia aenean sit amet justo morbi ut odio cras mi pede malesuada in imperdiet et commodo vulputate', 88975, 25610.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (3, 'Bread - Multigrain Oval', 263, '2XL', 'Indigo', 'consequat nulla nisl nunc nisl duis bibendum felis sed interdum venenatis turpis enim', 31304, 66703.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (4, 'Chocolate Bar - Coffee Crisp', 6525, 'M', 'Violet', 'amet eleifend pede libero quis orci nullam molestie nibh in lectus pellentesque at nulla suspendisse', 95805, 52691.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (5, 'Sauce - Rosee', 6480, 'XL', 'Orange', 'tellus nulla ut erat id mauris vulputate elementum nullam varius nulla facilisi cras non velit nec', 63593, 43422.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (6, 'Beef - Roasted, Cooked', 3037, 'XL', 'Fuscia', 'etiam pretium iaculis justo in hac habitasse platea dictumst etiam faucibus', 77606, 54579.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (7, 'Beans - French', 7597, 'XS', 'Purple', 'semper sapien a libero nam dui proin leo odio porttitor id consequat in consequat ut nulla sed accumsan felis', 56304, 70666.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (8, 'Lobster - Base', 1900, 'L', 'Crimson', 'dui maecenas tristique est et tempus semper est quam pharetra magna ac consequat metus sapien ut nunc vestibulum', 4846, 62875.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (9, 'Pickles - Gherkins', 4719, 'M', 'Aquamarine', 'hac habitasse platea dictumst maecenas ut massa quis augue luctus tincidunt nulla mollis molestie lorem quisque', 81546, 94627.0000);

INSERT INTO Store.dbo.Product (ProductID, Title, Weight, Size, Color, Description, Quanity, Price) VALUES (10, 'Veal - Round, Eye Of', 7084, 'XS', 'Teal', 'morbi non quam nec dui luctus rutrum nulla tellus in sagittis dui vel nisl', 13351, 80231.0000);

**Заполнение таблицы Customers**

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (1, 'Wanids Elverstone', 'welverstone0', 'dszy85Ej91');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (2, 'Conchita Cordie', 'ccordie1', 'Lrh0dCTR5ZJW');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (3, 'Ivett Ramshaw', 'iramshaw2', 'm59eYC');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (4, 'Jeramey Hudson', 'jhudson3', 'CP0kG1pWO6');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (5, 'Jason Graeme', 'jgraeme4', 'BYitlPfnurC');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (6, 'Natalee Camelli', 'ncamelli5', '5AwQAge');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (7, 'Waylen de Zamora', 'wde6', 'PXIekKa');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (8, 'Ade Pelling', 'apelling7', '3pcCmpyWD');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (9, 'Lexi Offell', 'loffell8', 'VeGKCZCZCr');

INSERT INTO Store.dbo.Customer (CustomerID, FullName, Login, password) VALUES (10, 'Lyman Harback', 'lharback9', 'W6vyFwW');

**Заполнение таблицы Vendors**

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (1, 'Talane', 320);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (2, 'Latz', 505);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (3, 'Devpulse', 731);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (4, 'Devpulse', 319);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (5, 'Trupe', 825);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (6, 'Kwilith', 412);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (7, 'Flipstorm', 557);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (8, 'Twimbo', 876);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (9, 'Jabbersphere', 415);

INSERT INTO Store.dbo.Vendor (VendorID, Title, ProductID) VALUES (10, 'Dabtype', 358);