|  |  |
| --- | --- |
| Название объекта | Скрипт объекта |
| Electronics\_Store\_Database | set ansi\_nulls on  go  set ansi\_padding on  go  set quoted\_identifier on  go  create database [Electronics\_Store\_Database]  go  use [Electronics\_Store\_Database]  go |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Country | | | | | | | | |
| PK | | ID\_Country | | INT | | Первичный ключ таблицы «Страна» | | create table [dbo].[Country] (  [ID\_Country] [int] not null identity(1,1),  [Country\_Name] [varchar] (50) not null  constraint [PK\_Country] primary key clustered  ([ID\_Country] ASC) on [PRIMARY],  constraint [UQ\_Country\_Name] unique ([Country\_Name]) )  go | |
|  | | Country\_Name | | VARCHAR (50) | | Уникальное поле | |
| Manufacturer | | | | | | | | |
| PK | | ID\_Manufacturer | | INT | | Первичный ключ таблицы «Производитель» | | create table [dbo].[Manufacturer] (  [ID\_Manufacturer] [int] not null identity(1,1),  [Manufacturer\_Name] [varchar] (50) not null,  [Country\_ID] [int] not null  constraint [PK\_Manufacturer] primary key clustered  ([ID\_Manufacturer] ASC) on [PRIMARY],  constraint [UQ\_Manufacturer\_Name] unique ([Manufacturer\_Name]),  constraint [FK\_Country\_Manufacturer] foreign key ([Country\_ID])  references [dbo].[Country] ([ID\_Country])  ) go | |
|  | | Manufacturer\_Name | | VARCHAR (50) | | Уникальное поле | |
| FK | | Country\_ID | | INT | |  | |
| Buyer | | | | | | | | |
| PK | | ID\_Buyer | | INT | | Первичный ключ таблицы «Покупатель» | | create table [dbo].[Buyer] (  [ID\_Buyer] [int] not null identity(1,1),  [Buyer\_Login] [varchar] (32) not null,  [Buyer\_Password] [varchar] (32) not null,  [Buyer\_Phone\_Number] [varchar] (17) not null,  [Buyer\_Address] [varchar] (max) not null,  constraint [PK\_Buyer] primary key clustered  ([ID\_Buyer] ASC) on [PRIMARY],  constraint [UQ\_Buyer\_Login] unique ([Buyer\_Login]),  constraint [UQ\_Buyer\_Phone\_Number] unique ([Buyer\_Phone\_Number]),  constraint [CH\_Buyer\_Login] check (*len*([Buyer\_Login])>=8),  constraint [CH\_Buyer\_Password\_Upper] check ([Buyer\_Password] like ('%[A-Z]%')),  constraint [CH\_Buyer\_Password\_Lower] check ([Buyer\_Password] like ('%[a-z]%')),  constraint [CH\_Buyer\_Password\_Symbols] check ([Buyer\_Password] like ('%[!@#$%^&\*()]%')),  constraint [CH\_Buyer\_Phone\_Number] check ([Buyer\_Phone\_Number] like '+7([0-9][0-9][0-9])[0-9][0-9][0-9]-[0-9][0-9]-[0-9][0-9]')  ) go | |
|  | | Buyer\_ Login | | VARCHAR (32) | | Не менее 8 символов, уникальное поле | |
|  | | Buyer\_Password | | VARCHAR (32) | | Спец символы, минимум одна заглавная одна прописная латинская буквы | |
|  | | Buyer\_Phone\_Number | | VARCHAR (17) | | +7(000)000-00-00, уникальное поле | |
|  | | Buyer\_Adress | | VARCHAR (MAX) | | Уникальное поле | |
| Buyer\_Card | | | | | | | | |
| PK | | ID\_Buyer\_Card | | INT | | Первичный ключ таблицы «Карта клиента» | | create table [dbo].[Buyer\_Card] (  [ID\_Buyer\_Card] [int] not null identity(1,1),  [Card\_Number] [varchar] (19) not null,  [Card\_Holder] [varchar] (60) not null,  [Card\_Validity] [varchar] (5) not null,  [Buyer\_ID] [int] not null  constraint [PK\_Buyer\_Card] primary key clustered  ([ID\_Buyer\_Card] ASC) on [PRIMARY],  constraint [UQ\_Card\_Number] unique ([Card\_Number]),  constraint [CH\_Card\_Number] check ([Card\_Number] like '[0-9][0-9][0-9][0-9] [0-9][0-9][0-9][0-9] [0-9][0-9][0-9][0-9] [0-9][0-9][0-9][0-9]'),  constraint [CH\_Card\_Holder] check ([Card\_Holder] = UPPER([Card\_Holder])),  constraint [CH\_Card\_Validity] check ([Card\_Validity] like ('[1-9][0-9]/[0-9][0-9]')),  constraint [FK\_Buyer\_Buyer\_Card] foreign key ([Buyer\_ID])  references [dbo].[Buyer] ([ID\_Buyer]) ) go | |
|  | | Card\_Number | | VARCHAR (19) | | Уникальное поле, 0000 0000 0000 0000 | |
|  | | Card\_Holder | | VARCHAR (60) | | Английскийе заглавные буквы, 1 пробел | |
|  | | Card\_Validity | | VARCHAR (5) | | MM/YY | |
| FK | | Buyer\_ID | | INT | |  | |
| Supplier | | | | | | | | |
| PK | | ID\_Supplier | | INT | | Первичный ключ таблицы «Поставщик» | | create table [dbo].[Supplier] (  [ID\_Supplier] [int] not null identity(1,1),  [Supplier\_ Full\_Name] [varchar] (max) not null,  [Supplier\_Short\_Name] [varchar] (50) not null,  [Supplier\_Legal\_Address] [varchar] (max) not null,  [Supplier\_Physical\_Address] [varchar] (max) not null,  [Supplier\_E\_Mail] [varchar] (max) not null,  [Supplier\_Phone\_Number] [varchar] (17) not null  constraint [PK\_Supplier] primary key clustered  ([ID\_Supplier] ASC) on [PRIMARY],  constraint [UQ\_Supplier\_Short\_Name] unique ([Supplier\_Short\_Name]),  constraint [UQ\_Supplier\_Phone\_Number] unique ([Supplier\_Phone\_Number]),  constraint [CH\_Supplier\_E\_Mail] check ([Supplier\_E\_Mail] like ('%@%.%')),  constraint [CH\_Supplier\_Phone\_Number] check ([Supplier\_Phone\_Number] like '+7([0-9][0-9][0-9])[0-9][0-9][0-9]-[0-9][0-9]-[0-9][0-9]') ) go | |
|  | | Supplier\_ Full\_Name | | VARCHAR (MAX) | | Уникальное поле | |
|  | | Supplier\_Short\_Name | | VARCHAR (50) | | Уникальное поле | |
|  | | Supplier\_Legal\_Address | | VARCHAR (MAX) | |  | |
|  | | Supplier\_Physical\_Address | | VARCHAR (MAX) | |  | |
|  | | Supplier\_E\_Mail | | VARCHAR (MAX) | | Наличие «@» и «.», уникальное поле | |
|  | | Supplier\_Phone\_Number | | VARCHAR (17) | | +7(000)000-00-00, уникальное поле | |
| Representative | | | | | | | | |
| PK | | ID\_Representative | | INT | | Первичный ключ таблицы «Представитель» | | create table [dbo].[Representative] (  [ID\_Representative] [int] not null identity(1,1),  [Supplier\_ID] [int] not null,  [Repres\_First\_Name] [varchar] (30) not null,  [Repres\_Second\_Name] [varchar] (30) not null,  [Repres\_Middle\_Name] [varchar] (30) null default('-')  constraint [PK\_Representative] primary key clustered  ([ID\_Representative] ASC) on [PRIMARY],  constraint [FK\_Supplier\_Representative] foreign key ([Supplier\_ID])  references [dbo].[Supplier] ([ID\_Supplier]) ) go | |
| FK | | Supplier\_ID | | INT | |  | |
|  | | Repres\_First\_Name | | VARCHAR (30) | |  | |
|  | | Repres\_Second\_Name | | VARCHAR (30) | |  | |
|  | | Repres\_Middle\_Name | | VARCHAR (30) | | Может быть null | |
| Contract | | | | | | | | |
| PK | | ID\_Contract | | INT | | Первичный ключ таблицы «Договор» | | create table [dbo].[Contract] (  [ID\_Contract] [int] not null identity(1,1),  [Representative\_ID] [int] not null,  [Contract\_Expiry\_Date] [date] not null,  [Contract\_Conclusion\_Date] [date] null default(*getdate*())  constraint [PK\_Contract] primary key clustered  ([ID\_Contract] ASC) on [PRIMARY],  constraint [CH\_Contract\_Expiry\_Date] check ([Contract\_Expiry\_Date] >= *CAST*(*getdate*() as date)),  constraint [CH\_Contract\_Conclusion\_Date] check ([Contract\_Conclusion\_Date] <= *CAST*(*getdate*() as date)),  constraint [FK\_Representative\_Contract] foreign key ([Representative\_ID])  references [dbo].[Representative] ([ID\_Representative]) ) go | |
| FK | | Representative\_ID | | INT | |  | |
|  | | Contract\_Expiry\_Date | | DATE | | Не раньше сегодняшнего дня | |
|  | | Contract\_Conclusion\_Date | | DATE | | Текущая дата | |
| Characteristics\_Name | | | | | | | | |
| PK | | ID\_Characteristic\_Name | | INT | | Первичный ключ таблицы «Названия характеристик» | | create table [dbo].[Characteristics\_Name] (  [ID\_Characteristic\_Name] [int] not null identity(1,1),  [Characteristic\_Name] [varchar] (30) not null  constraint [PK\_Characteristic\_Name] primary key clustered  ([ID\_Characteristic\_Name] ASC) on [PRIMARY],  constraint [UQ\_Characteristic\_Name] unique ([Characteristic\_Name]) ) go | |
|  | | Characteristic\_Name | | VARCHAR (30) | | Уникальное поле | |
| Goods\_Type | | | | | | | | |
| PK | | ID\_Goods\_Type | | INT | | Первичный ключ таблицы «Типы товара» | | create table [dbo].[Goods\_Type] (  [ID\_Goods\_Type] [int] not null identity(1,1),  [Goods\_Type\_Name] [varchar] (30) not null  constraint [PK\_Goods\_Type] primary key clustered  ([ID\_Goods\_Type] ASC) on [PRIMARY],  constraint [UQ\_Goods\_Type\_Name] unique ([Goods\_Type\_Name]) ) go | |
|  | | Goods\_Type\_Name | | VARCHAR (30) | | Уникальное поле | |
| Outlets\_Name | | | | | | | | |
| PK | | ID\_Name | | INT | | Первичный ключ таблицы «Название торговых точек» | | create table [dbo].[Outlets\_Name] (  [ID\_Name] [int] not null identity(1,1),  [Outlet\_Name] [varchar] (50) not null  constraint [PK\_Outlets\_Name] primary key clustered  ([ID\_Name] ASC) on [PRIMARY],  constraint [UQ\_Outlet\_Name] unique ([Outlet\_Name]) ) go | |
|  | | Outlet\_Name | | VARCHAR (50) | | Уникальное поле | |
| Outlet | | | | | | | | |
| PK | | ID\_Outlet | | INT | | Первичный ключ таблицы «Торговая точка» | | create table [dbo].[Outlet] (  [ID\_Outlet] [int] not null identity(1,1),  [Outlet\_Adress] [varchar] (MAX) not null,  [Name\_ID] [int] not null  constraint [PK\_Outlet] primary key clustered  ([ID\_Outlet] ASC) on [PRIMARY],  constraint [FK\_Name\_Outlet] foreign key ([Name\_ID])  references [dbo].[Outlets\_Name] ([ID\_Name]) ) go | |
|  | | Outlet\_Adress | | VARCHAR (MAX) | | Уникальное поле | |
| FK | | Name\_ID | | INT | |  | |
| Post | | | | | | | | |
| PK | | ID\_Post | | INT | | Первичный ключ таблицы «Должность» | | create table [dbo].[Post] (  [ID\_Post] [int] not null identity(1,1),  [Post\_Name] [varchar] (50) not null,  [Superior\_Post\_ID] [int] not null,  [Post\_Salary] [int] not null  constraint [PK\_Post] primary key clustered  ([ID\_Post] ASC) on [PRIMARY],  constraint [UQ\_Post\_Name] unique ([Post\_Name]),  constraint [CH\_Post\_Salary] check ([Post\_Salary] > 0),  constraint [FK\_Superior\_Post] foreign key ([Superior\_Post\_ID])  references [dbo].[Post] ([ID\_Post]) ) go | |
|  | | Post\_Name | | VARCHAR (50) | | Уникальное поле | |
| FK | | Superior\_Post\_ID | | INT | |  | |
|  | | Post\_Salary | | INT | | Больше нуля | |
| Employee | | | | | | | | |
| PK | | ID\_Employee | | INT | | Первичный ключ таблицы «Сотрудник» | | create table [dbo].[Employee] (  [ID\_Employee] [int] not null identity(1,1),  [Emp\_First\_Name] [varchar] (30) not null,  [Emp\_Second\_Name] [varchar] (30) not null,  [Emp\_Middle\_Name] [varchar] (30) null default ('-'),  [Post\_ID] [int] not null,  [Outlet\_ID] [int] not null,  [Emp\_Login] [varchar] (32) not null,  [Emp\_Password] [varchar] (32) not null  constraint [PK\_Employee] primary key clustered  ([ID\_Employee] ASC) on [PRIMARY],  constraint [UQ\_Emp\_Login] unique ([Emp\_Login]),  constraint [CH\_Emp\_Login] check (*len*([Emp\_Login])>=8),  constraint [CH\_Emp\_Password\_Upper] check ([Emp\_Password] like ('%[A-Z]%')),  constraint [CH\_Emp\_Password\_Lower] check ([Emp\_Password] like ('%[a-z]%')),  constraint [CH\_Emp\_Password\_Symbols] check ([Emp\_Password] like ('%[!@#$%^&\*()]%')),  constraint [FK\_Post\_Emp] foreign key ([Post\_ID])  references [dbo].[Post] ([ID\_Post]),  constraint [FK\_Outlet\_Emp] foreign key ([Outlet\_ID])  references [dbo].[Outlet] ([ID\_Outlet]) ) go | |
|  | | Emp\_First\_Name | | VARCHAR (30) | |  | |
|  | | Emp\_Second\_Name | | VARCHAR (30) | |  | |
|  | | Emp\_Middle\_Name | | VARCHAR (30) | | Может быть null | |
| FK | | Post\_ID | | INT | |  | |
| FK | | Outlet\_ID | | INT | |  | |
|  | | Emp\_Login | | VARCHAR (32) | | Не менее 8 символов, уникальное поле | |
|  | | Emp\_Password | | VARCHAR (32) | | Спец символы, минимум одна заглавная одна прописная латинская буквы | |
| Passport | | | | | | | | | |
| PK | ID\_Passport | | INT | | Первичный ключ таблицы «Паспорт» | | create table [dbo].[Passport] (  [ID\_Passport] [int] not null identity(1,1),  [Buyer\_ID] [int] not null,  [Buyer\_First\_Name] [varchar] (30) not null,  [Buyer\_Second\_Name] [varchar] (30) not null,  [Buyer\_Middle\_Name] [varchar] (30) null default ('-'),  [Passport\_Series] [varchar] (5) not null,  [Passport\_Code] [varchar] (6) not null,  [Buyer\_Gender] [varchar] (3) not null,  [Buyer\_Birthday] [date] not null,  [Buyer\_Birthplace] [varchar] (30) not null,  [Passport\_Issued\_By] [varchar] (100) not null  constraint [PK\_Passport] primary key clustered  ([ID\_Passport] ASC) on [PRIMARY],  constraint [FK\_Passport\_Buyer] foreign key ([Buyer\_ID])  references [dbo].[Buyer] ([ID\_Buyer]),  constraint [CH\_Passport\_Series] check ([Passport\_Series] like ('[0-9][0-9] [0-9][0-9]')),  constraint [UQ\_Passport\_Code] unique ([Passport\_Code]),  constraint [CH\_Passport\_Code] check ([Passport\_Code] like '[0-9][0-9][0-9][0-9][0-9][0-9]'),  constraint [CH\_Buyer\_Gender] check ([Buyer\_Gender] in ('МУЖ','ЖЕН')),  constraint [CH\_Buyer\_Birthday] check (DATEDIFF(YEAR, [Buyer\_Birthday], getdate()) >= 14) ) go | | |
| FK | Buyer\_ID | | INT | |  | |
|  | Buyer\_First\_Name | | VARCHAR (30) | |  | |
|  | Buyer\_Second\_Name | | VARCHAR (30) | |  | |
|  | Buyer\_Middle\_Name | | VARCHAR (30) | | Может быть null | |
|  | Passport\_Series | | CHAR(5) | | «00 00» | |
|  | Passport\_Code | | CHAR(6) | | «000000» | |
|  | Buyer\_Gender | | CHAR(3) | | «МУЖ» или «ЖЕН» | |
|  | Buyer\_Birthday | | DATE | | Не раньше 14 лет назад | |
|  | Buyer\_Birthplace | | VARCHAR (30) | |  | |
|  | Passport\_Issued\_By | | VARCHAR (100) | |  | |
|  | Issue\_Date | | DATE | | Не раньше сегодняшнего дня | |
|  | Subdivision\_Сode | | CHAR(7) | | Формат «000-000» | |
| Payment\_Type | | | | | | | | | |
| PK | ID\_Payment\_Type | | INT | | Первичный ключ таблицы «Тип оплаты» | | create table [dbo].[Payment\_Type] (  [ID\_Payment\_Type] [int] not null identity(1,1),  [Payment\_Type\_Name] [varchar] (30) not null  constraint [PK\_Payment\_Type] primary key clustered  ([ID\_Payment\_Type] ASC) on [PRIMARY],  constraint [UQ\_Payment\_Type] unique ([Payment\_Type\_Name]) ) go | | |
|  | Payment\_Type\_Name | | VARCHAR (30) | | Уникальное поле | |
| Order | | | | | | | | | |
| PK | ID\_Order | | INT | | Первичный ключ таблицы «Заказ» | | create table [dbo].[Order] (  [ID\_Order] [int] not null identity(1,1),  [Buyer\_Card\_ID] [int] not null,  [Order\_Date] [date] null default getdate(),  [Order\_Time] [time] null default getdate(),  [Payment\_Type\_ID] [int] not null  constraint [PK\_Order] primary key clustered  ([ID\_Order] ASC) on [PRIMARY],  constraint [FK\_Card\_Order] foreign key ([Buyer\_Card\_ID])  references [dbo].[Buyer\_Card] ([ID\_Buyer\_Card]),  constraint [CH\_Order\_Date] check ([Order\_Date] = cast(getdate() as date)),  constraint [CH\_Order\_Time] check ([Order\_Time] between cast(getdate() as time) and DATEADD(MINUTE, 1, cast(getdate() as time))),  constraint [FK\_Payment\_Type\_Order] foreign key ([Payment\_Type\_ID])  references [dbo].[Payment\_Type] ([ID\_Payment\_Type]) ) go | | |
| FK | Buyer\_Card\_ID | | INT | |  | |
|  | Order\_Date | | DATE | | Сегодняшняя дата | |
|  | Order\_Time | | TIME | | Текущее время | |
| FK | Payment\_Type\_ID | | INT | |  | |
| Receipt | | | | | | | | | |
| PK | ID\_Receipt | | INT | | Первичный ключ таблицы «Чек» | | create table [dbo].[Receipt] (  [ID\_Receipt] [int] not null identity(1,1),  [Order\_ID] [int] not null,  [Receipt\_Sum] [int] not null,  [Receipt\_Total] [int] not null,  [Employee\_ID] [int] not null,  [Closure\_Date] [date] null default getdate(),  [Closure\_Time] [time] null default getdate()  constraint [PK\_Receipt] primary key clustered  ([ID\_Receipt] ASC) on [PRIMARY],  constraint [FK\_Order\_Receipt] foreign key ([Order\_ID])  references [dbo].[Order] ([ID\_Order]),  constraint [CH\_Receipt\_Sum] check ([Receipt\_Sum] > 0),  constraint [CH\_Receipt\_Total] check ([Receipt\_Total] >= 0),  constraint [FK\_Employee\_Receipt] foreign key ([Employee\_ID])  references [dbo].[Employee] ([ID\_Employee]),  constraint [CH\_Closure\_Date] check ([Closure\_Date] = cast(getdate() as date)),  constraint [CH\_Closure\_Time] check ([Closure\_Time] between cast(getdate() as time) and DATEADD(MINUTE, 1, cast(getdate() as time))) ) go | | |
| FK | Order\_ID | | INT | |  | |
|  | Receipt\_Sum | | INT | | Больше 0, Рассчитывается функцией | |
|  | Receipt\_Total | | INT | | Не меньше 0, Рассчитывается функцией | |
| FK | Employee\_ID | | INT | |  | |
|  | Closure\_Date | | DATE | | Текущая дата | |
|  | Closure\_Time | | TIME | | Текущее время | |
| Requests\_For\_Supply | | | | | | | | | |
| PK | ID\_Request | | INT | | Первичный ключ таблицы «Заявки на поставку» | | create table [dbo].[Requests\_For\_Supply] (  [ID\_Request] [int] not null identity(1,1),  [Request\_Status] [varchar] (10) not null,  [Request\_Date] [date] null default getdate(),  [Request\_Time] [time] null default getdate(),  [Contract\_ID] [int] not null,  [Employee\_ID] [int] not null  constraint [PK\_Requests\_For\_Supply] primary key clustered  ([ID\_Request] ASC) on [PRIMARY],  constraint [CH\_Request\_Status] check ([Request\_Status] in ('ОТПРАВЛЕНО','ПОЛУЧЕНО','НАРУШЕНО')),  constraint [CH\_Request\_Date] check ([Request\_Date] = cast(getdate() as date)),  constraint [CH\_Request\_Time] check ([Request\_Time] between cast(getdate() as time) and DATEADD(MINUTE, 1, cast(getdate() as time))),  constraint [FK\_Contract\_Request] foreign key ([Contract\_ID])  references [dbo].[Contract] ([ID\_Contract]),  constraint [FK\_Employee\_Request] foreign key ([Employee\_ID])  references [dbo].[Employee] ([ID\_Employee]) ) go | | |
|  | Request\_Status | | VARCHAR (10) | | «ОТПРАВЛЕНО», «ПОЛУЧЕНО» или «НАРУШЕНО» | |
|  | Request\_Date | | DATE | | Текущая дата | |
|  | Request\_Time | | TIME | | Текущее время | |
| FK | Contract\_ID | | INT | |  | |
| FK | Employee\_ID | | INT | |  | |
| Goods | | | | | | | | | |
| PK | ID\_Goods | | INT | | Первичный ключ таблицы «Товар» | | create table [dbo].[Goods] (  [ID\_Goods] [int] not null identity(1,1),  [Goods\_Name] [varchar] (100) not null,  [Goods\_Article] [varchar] (100) not null,  [Goods\_ID] [int] not null,  [Manufacturer\_ID] [int] not null,  [Goods\_Price] [decimal] (10,2) not null,  [Photo\_Tag] [int] not null,  [Goods\_Type\_ID] [int] not null  constraint [PK\_Goods] primary key clustered  ([ID\_Goods] ASC) on [PRIMARY],  constraint [UQ\_Goods\_Article] unique ([Goods\_Article]),  constraint [FK\_Goods\_Goods] foreign key ([Goods\_ID])  references [dbo].[Goods] ([ID\_Goods]),  constraint [FK\_Manufacturer\_Goods] foreign key ([Manufacturer\_ID])  references [dbo].[Manufacturer] ([ID\_Manufacturer]),  constraint [CH\_Goods\_Price] check ([Goods\_Price] > 0),  constraint [UQ\_Photo\_Tag] unique ([Photo\_Tag]),  constraint [FK\_Type\_Goods] foreign key ([Goods\_Type\_ID])  references [dbo].[Goods\_Type] ([ID\_Goods\_Type]) ) go | | |
|  | Goods\_Name | | VARCHAR (100) | |  | |
|  | Goods\_Article | | VARCHAR (100) | | Уникальное поле | |
| FK | Goods\_ID | | INT | |  | |
| FK | Manufacturer\_ID | | INT | |  | |
|  | Goods\_Price | | DECIMAL(10, 2) | | Больше 0 | |
|  | Photo\_Tag | | INT | | Тег товара (хэш), уникальное | |
| FK | Goods\_Type\_ID | | INT | |  | |
| Order\_Parts | | | | | | | | | |
| PK | ID\_Order\_Parts | | INT | | Первичный ключ таблицы «Состав заказа» | | create table [dbo].[Order\_Parts] (  [ID\_Order\_Parts] [int] not null identity(1,1),  [Goods\_ID] [int] not null,  [Order\_Goods\_Amount] [int] not null,  [Order\_ID] [int] not null  constraint [PK\_Order\_Parts] primary key clustered  ([ID\_Order\_Parts] ASC) on [PRIMARY],  constraint [FK\_Order\_Parts\_Goods] foreign key ([Goods\_ID])  references [dbo].[Goods] ([ID\_Goods]),  constraint [CH\_Order\_Goods\_Amount] check ([Order\_Goods\_Amount] > 0),  constraint [FK\_Order\_Parts\_Order] foreign key ([Order\_ID])  references [dbo].[Order] ([ID\_Order]) ) go | | |
| FK | Goods\_ID | | INT | |  | |
|  | Order\_Goods\_Amount | | INT | | Не меньше 1 | |
| FK | Order\_ID | | INT | |  | |
| Requests\_Parts | | | | | | | | | |
| PK | ID\_Requests\_Parts | | INT | | Первичный ключ таблицы «Состав заявки» | | create table [dbo].[Requests\_Parts] (  [ID\_Requests\_Parts] [int] not null identity(1,1),  [Goods\_ID] [int] not null,  [Request\_ID] [int] not null,  [Requests\_Goods\_Amount] [int] not null  constraint [PK\_Requests\_Parts] primary key clustered  ([ID\_Requests\_Parts] ASC) on [PRIMARY],  constraint [FK\_Requests\_Parts\_Goods] foreign key ([Goods\_ID])  references [dbo].[Goods] ([ID\_Goods]),  constraint [FK\_Requests\_Parts\_Request] foreign key ([Request\_ID])  references [dbo].[Requests\_For\_Supply] ([ID\_Request]),  constraint [CH\_Requests\_Goods\_Amount] check ([Requests\_Goods\_Amount] > 0) ) go | | |
| FK | Goods\_ID | | INT | |  | |
| FK | Request\_ID | | INT | |  | |
|  | Requests\_Goods\_Amount | | INT | | Не меньше 1 | |
| Characteristics | | | | | | | | | |
| PK | ID\_Characteristics | | INT | | Первичный ключ таблицы «Характеристики» | | create table [dbo].[Characteristics] (  [ID\_Characteristics] [int] not null identity(1,1),  [Goods\_ID] [int] not null,  [Characteristic\_Name\_ID] [int] not null,  [Characteristics\_Value] [varchar] (50) not null  constraint [PK\_Characteristics] primary key clustered  ([ID\_Characteristics] ASC) on [PRIMARY],  constraint [FK\_Characteristics\_Goods] foreign key ([Goods\_ID])  references [dbo].[Goods] ([ID\_Goods]),  constraint [FK\_Characteristics\_Characteristic\_Name] foreign key ([Characteristic\_Name\_ID])  references [dbo].[Characteristics\_Name] ([ID\_Characteristic\_Name]) ) go | | |
| FK | Goods\_ID | | INT | |  | |
| FK | Characteristic\_Name\_ID | | INT | |  | |
|  | Characteristics\_Value | | VARCHAR (50) | | Может быть null | |