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| Таблица | Изменение структуры таблицы |
| create table [dbo].[Type\_Client]  (  [ID\_Type\_Client] [int] not null identity(1,1),  [Value] [varchar] (10) not null  constraint [PK\_Type\_Client] primary key clustered  ([ID\_Type\_Client] ASC) on [PRIMARY],  constraint [UQ\_Value\_Type\_Client] unique ([Value])  )  go | - |
| Запросы на добавление данных |
| insert into [dbo].[Type\_Product] ([Name\_Type])  values ('Растворимый продукт'),  ('Овощь'),  ('Мясное изделье'),  ('Молочная продукция')  go |
| Запросы на выборку данных |
| Задача: Вывести название типа продукта, отсортировав название по возрастанию. |
| select [Name\_Type] as "Название типа продукта" from [dbo].[Type\_Product]  order by [Name\_Type] ASC  go |
| Результат запроса на выборку данных | |
|  | |
| create table [dbo].[Post]  (  [ID\_Post] [int] not null identity(1,1),  [Title] [varchar] (32) not null  constraint [PK\_Post] primary key clustered  ([ID\_Post] ASC) on [PRIMARY],  constraint [UQ\_Title\_Post] unique ([Title])  )  go |  |
| create table [dbo].[Menu]  (  [ID\_Menu] [int] not null identity(1,1),  [Value] [varchar] (max) not null  constraint [PK\_Menu] primary key clustered  ([ID\_Menu] ASC) on [PRIMARY]  )  go |  |
|  |
| create table [dbo].[Component]  (  [ID\_Component] [int] not null identity(1,1),  [Structure] [varchar] (32) not null,  [Volume] [int] not null  constraint [PK\_Component] primary key clustered  ([ID\_Component] ASC) on [PRIMARY],  constraint [UQ\_Structure\_Component] unique ([Structure]),  constraint [CH\_Volume\_Component] check ([Volume] > 0)  )  go |  |
|  |
|  |
| create table [dbo].[Supply]  (  [ID\_Supply] [int] not null identity(1,1),  [Adress] [varchar] (max) not null  constraint [PK\_Supply] primary key clustered  ([ID\_Supply] ASC) on [PRIMARY]  )  go |  |
|  |
| create table [dbo].[Raw]  (  [ID\_Raw] [int] not null identity(1,1),  [Component] [varchar] (32) not null,  [Volume] [int] not null  constraint [PK\_Raw] primary key clustered  ([ID\_Raw] ASC) on [PRIMARY],  constraint [UQ\_Component\_Raw] unique ([Component]),  constraint [CH\_Volume\_Raw] check ([Volume] > 0)  )  go |  |
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| create table [dbo].[Material]  (  [ID\_Material] [int] not null identity(1,1),  [Component] [varchar] (32) not null,  [Volume] [int] not null  constraint [PK\_Material] primary key clustered  ([ID\_Material] ASC) on [PRIMARY],  constraint [UQ\_Component\_Material] unique ([Component]),  constraint [CH\_Volume\_Material] check ([Volume] > 0)  )  go |  |
|  |
|  |
| create table [dbo].[Application]  (  [ID\_Application] [int] not null identity(1,1),  [Title] [varchar] (25) not null  constraint [PK\_Application] primary key clustered  ([ID\_Application] ASC) on [PRIMARY],  constraint [UQ\_Title\_Application] unique ([Title])  )  go |  |
|  |
| create table [dbo].[Employee]  (  [ID\_Employee] [int] not null identity(1,1),  [Login] [varchar] (32) not null,  [Password] [varchar] (32) not null  constraint [PK\_Employee] primary key clustered  ([ID\_Employee] ASC) on [PRIMARY],  constraint [UQ\_Login\_Employee] unique ([Login]),  constraint [CH\_Login\_Employee] check (len([Login])>=8),  constraint [CH\_Password\_Employee\_Upper] check ([Password] like ('%[A-Z]%')),  constraint [CH\_Password\_Employee\_Letter\_Lower] check ([Password] like ('%[a-z]%')),  constraint [CH\_Password\_Employee\_Symbols] check ([Password] like ('%[!@#$%^&\*()]%'))  )  go |  |
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|  |
| create table [dbo].[Staff]  (  [ID\_Staff] [int] not null identity(1,1),  [Name\_Staff] [varchar] (30) not null,  [Surname\_Staff] [varchar] (30) not null,  [Middle\_Name\_Staff] [varchar] (30) not null  constraint [PK\_Staff] primary key clustered  ([ID\_Staff] ASC) on [PRIMARY]  )  go |  |
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|  |
| create table [dbo].[Rest\_Area]  (  [ID\_Rest\_Area] [int] not null identity(1,1),  [Area] [varchar] (30) not null  constraint [PK\_Rest\_Area] primary key clustered  ([ID\_Rest\_Area] ASC) on [PRIMARY],  constraint [UQ\_Area\_Rest\_Area] unique ([Area])  )  go |  |
|  |
| create table [dbo].[Supplier\_Company]  (  [ID\_Supplier\_Company] [int] not null identity(1,1),  [Full\_Organization] [varchar] (32) not null,  [Short\_Organization] [varchar] (32) not null,  [Legal\_Address] [varchar] (max) not null,  [Physical\_Address] [varchar] (max) not null,  [ITN] [varchar] (10) not null,  [OKPO] [varchar] (8) not null,  [BIC] [varchar] (9) not null  constraint [PK\_Supplier\_Company] primary key clustered  ([ID\_Supplier\_Company] ASC) on [PRIMARY],  constraint [UQ\_Full\_Organization\_Supplier\_Company] unique ([Full\_Organization]),  constraint [CH\_ITN\_Supplier\_Company] check ([ITN] = 10),  constraint [CH\_OKPO\_Supplier\_Company] check ([OKPO] = 8),  constraint [CH\_BIC\_Supplier\_Company] check ([BIC] = 9)  )  Go |  |
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