( )   MICROSOFT SQL SERVER
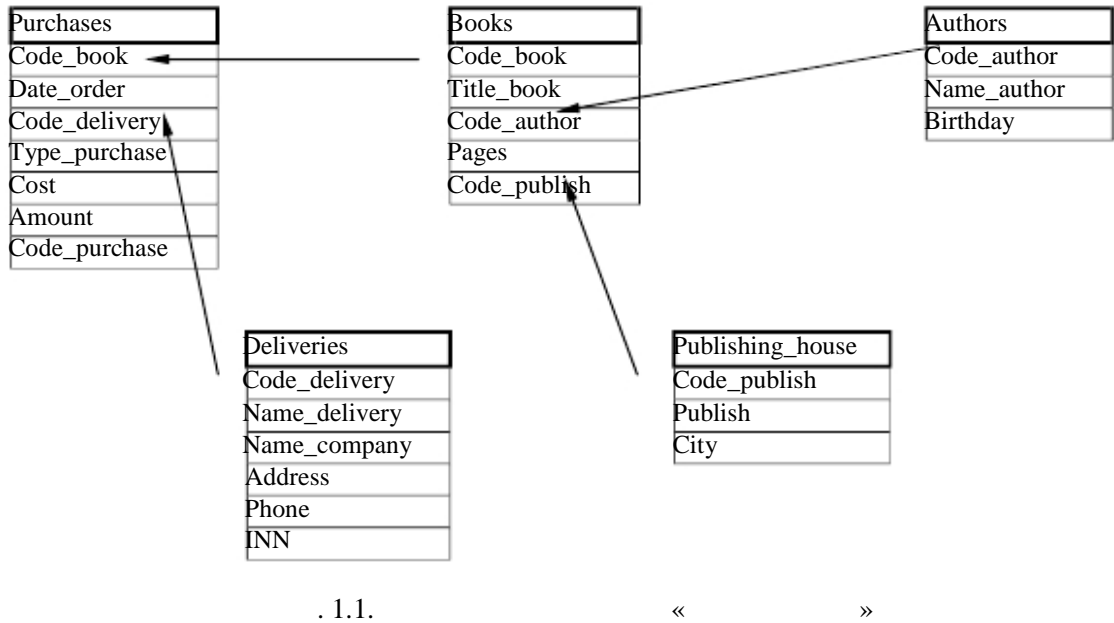
–   Transact SQL   -
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          1.   ,   MS SQL Server
2000.
          2.   SQL Server Enterprise MANAGER
Query Analyzer.
          3.
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          4.   -
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                              Transact SQL,   «   »
(. 1.1).   . 1.1-1.5.

Purchases
Code_book
Date_order
Code_delivery
Type_purchase
Cost
Amount
Code_purchase

Books
Code_book
Title_book
Code_author
Pages
Code_publish

Authors
Code_author
Name_author
Birthday

Deliveries
Code_delivery
Name_delivery
Name_company
Address
Phone
INN

Publishing_house
Code_publish
Publish
City

                     . 1.1.   «   »

(Purchases)

Code_book	Int	
Date_order	DateTime	
Code_delivery	Int	
Type_purchase	Bit	(/)
Cost	Money	
Amount	Int	
Code_purchase	Int	

(Books)

Code_book	Int	
Title_book	Char	
Code_author	Int	
Pages	Int	
Code_publish	Int	

(Authors)

Code_author	Int	
Name_author	Char	, ,
Birthday	DateTime	

(Deliveries)

Code_delivery	Int	
Name_delivery	Char	, ., .
Name_company	Char	-
Address	Char	
Phone	Numeric	
INN	Char	

(Publishing_house)

Code_publish	Int	
Publish	Char	
City	Char	

SQL Server Enterprise MANAGER,

Query Analyzer, -

sa , .

DB_Books Query

Analyzer :
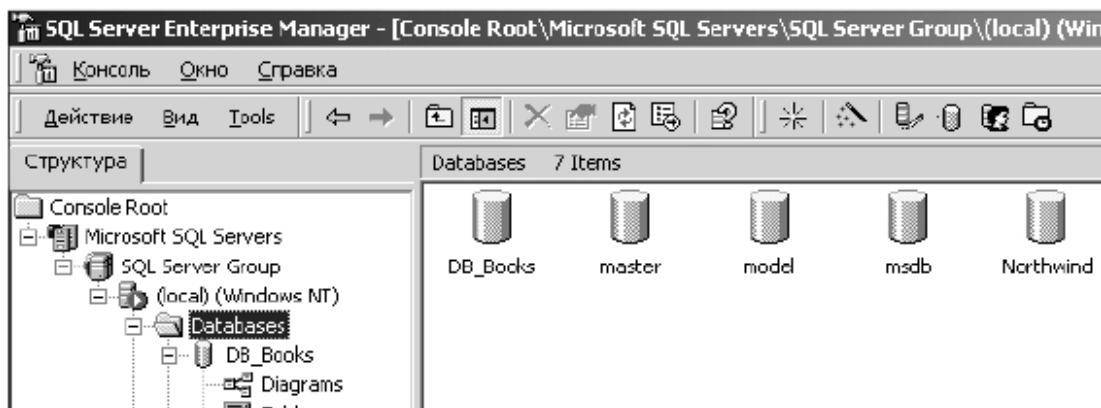
CREATE DATABASE DB_BOOKS

F5.

SQL Server Enterprise MANAGER. -

DB_Books, DataBases, F5

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. 1.2.

С -

, Query Analyzer :

```
use DB_BOOKS
CREATE    TABLE    Authors(Code_author    INT    PRIMARY    KEY,
name_author CHAR(30), Birthday DATETIME)
CREATE TABLE Publishing_house(Code_publish INT PRIMARY KEY,
Publish CHAR(30), City CHAR(20))
CREATE TABLE Books(Code_book INT PRIMARY KEY, Title_book
CHAR(40),    Code_author    INT    FOREIGN    KEY    REFERENCES    Au-
thors(Code_author),    Pages    INT,    Code_publish    INT    FOREIGN    KEY
REFERENCES Publishing_house(Code_publish))
CREATE TABLE        Deliveries(Code_delivery INT PRIMARY        KEY,
Name_delivery    CHAR(30),    Name_company    CHAR(20),    Address
VARCHAR(100), Phone BIGINT, INN CHAR(13))
CREATE TABLE Purchases(Code_purchase INT PRIMARY KEY,
Code_book    INT    FOREIGN    KEY    REFERENCES    Books(Code_book),
```
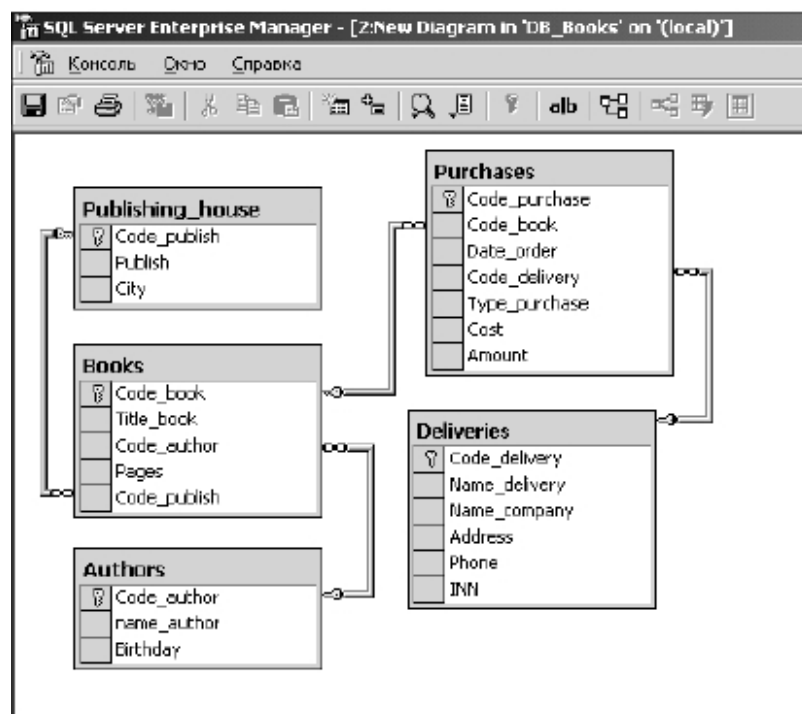
Date_order SMALLDATETIME, Code_delivery INT FOREIGN KEY REFERENCES Deliveries(Code_delivery), Type_purchase BIT, Cost FLOAT, Amount INT)

SQL Server Enterprise MANAGER.   -
DB_Books.
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. 1.3.

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PRIMARY KEY –   .
FOREIGN KEY**...**REFERENCES… –
                .
CREATE TABLE –   .
USE –   .
CREATE DATABASE –   .