1)

CREATE DATABASE TouristEquipmentRental

CREATE TABLE fctOrders

(

ID\_order INT IDENTITY (1,1),

Inventory\_number INT NOT NULL,

Employee\_number INT,

Booking\_date DATE NOT NULL,

Rent\_date DATE,

Plan\_return\_date DATE,

Fact\_return\_date DATE,

ID\_customer INT,

ID\_discount INT,

CONSTRAINT PK\_fctOrders\_ID\_order PRIMARY KEY (ID\_order)

);

CREATE TABLE dimEquipments

(

Inventory\_number INT IDENTITY (1,1),

Category VARCHAR(50),

Equipment\_name NVARCHAR(100) NOT NULL,

Rental\_price money,

Security\_decosit money,

Vendor\_price money NOT NULL,

Vendor\_name NVARCHAR(100) NOT NULL

CONSTRAINT PK\_dimEquipments\_Inventory\_number PRIMARY KEY (Inventory\_number)

);

CREATE TABLE fctMaintenances

(

Maintenance INT IDENTITY (1,1),

Start\_date DATE NOT NULL,

End\_date DATE,

Maintenance\_cost money,

Inventory\_number INT,

Employee\_number INT

CONSTRAINT PK\_fctMaintenances\_Maintenance PRIMARY KEY (Maintenance)

);

CREATE TABLE dimEmployees

(

Employee\_number INT IDENTITY (1,1),

Position NVARCHAR(50) NOT NULL,

Full\_name NVARCHAR(100),

Fix\_salary money NOT NULL,

Employement\_date DATE NOT NULL,

Dismissal\_date DATE

CONSTRAINT PK\_dimEmployees\_Employee\_number PRIMARY KEY (Employee\_number)

);

CREATE TABLE dimCustomers

(

ID\_customer INT IDENTITY (1,1),

Category VARCHAR(50),

Customer\_name NVARCHAR(50) NOT NULL,

Registration\_number CHAR(9) UNIQUE,

Passport\_number CHAR(14) UNIQUE,

Phone\_number VARCHAR(20),

Email VARCHAR(50)

CONSTRAINT PK\_dimCustomers\_ID\_customer PRIMARY KEY (ID\_customer)

);

CREATE TABLE dimDiscounts

(

ID\_discount INT IDENTITY (1,1),

Type\_discount VARCHAR(50),

Discount\_percentage DEC(3,2),

Start\_date\_discount DATE NOT NULL,

End\_date\_discount DATE

CONSTRAINT PK\_dimDiscounts\_ID\_discount PRIMARY KEY (ID\_discount)

);

ALTER TABLE fctOrders ADD CONSTRAINT FK\_fctOrders\_Inventory\_number FOREIGN KEY (Inventory\_number) REFERENCES dimEquipments (Inventory\_number)

ALTER TABLE fctOrders ADD CONSTRAINT FK\_fctOrders\_Employee\_number FOREIGN KEY (Employee\_number) REFERENCES dimEmployees (Employee\_number)

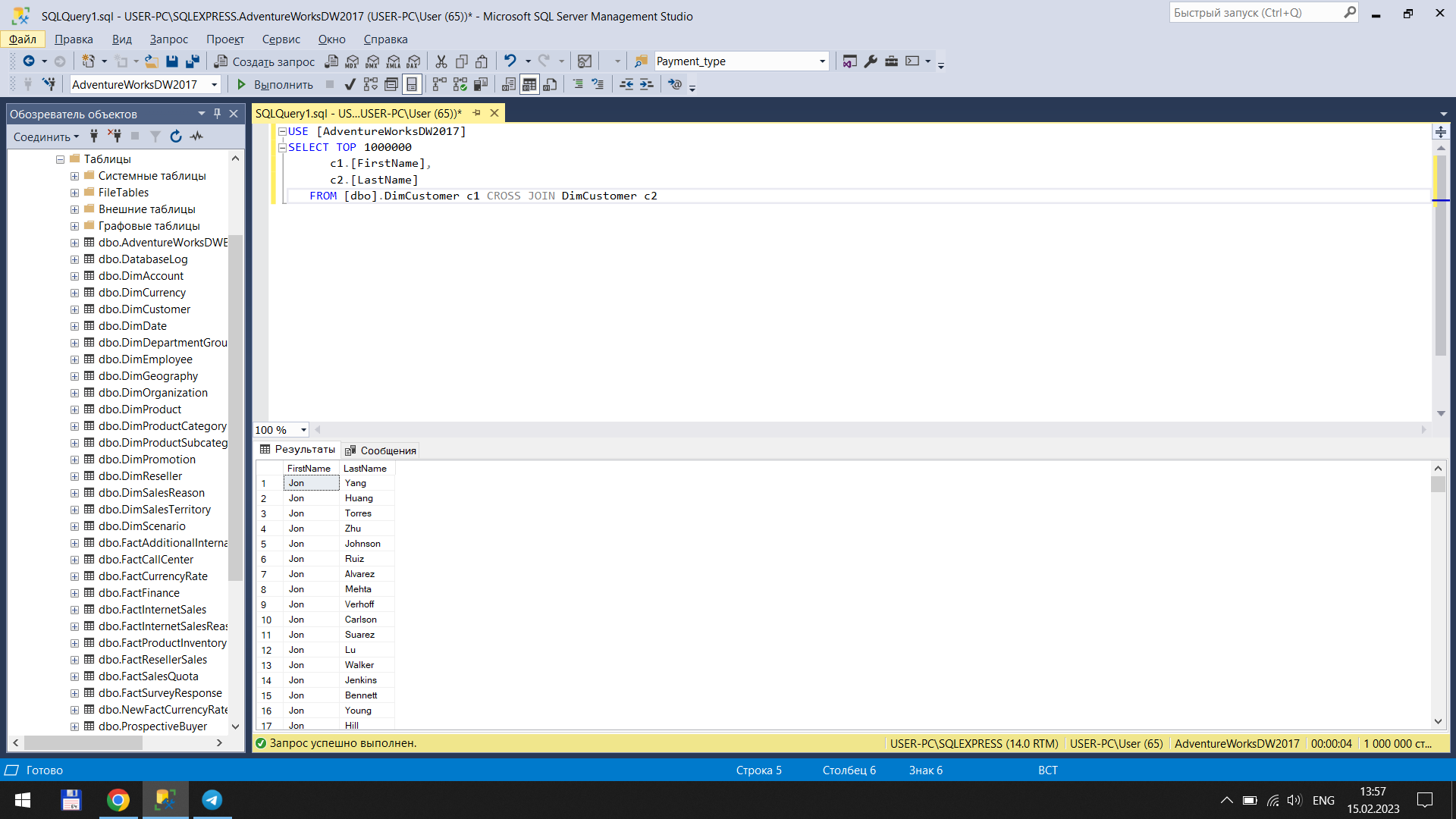
ALTER TABLE fctOrders ADD CONSTRAINT FK\_fctOrders\_ID\_customer FOREIGN KEY (ID\_customer) REFERENCES dimCustomers (ID\_customer)

ALTER TABLE fctOrders ADD CONSTRAINT FK\_fctOrders\_ID\_discount FOREIGN KEY (ID\_discount) REFERENCES dimDiscounts (ID\_discount)

ALTER TABLE fctMaintenances ADD CONSTRAINT FK\_fctMaintenances\_Employee\_number FOREIGN KEY (Employee\_number) REFERENCES dimEmployees (Employee\_number)

ALTER TABLE fctMaintenances ADD CONSTRAINT FK\_fctMaintenances\_Inventory\_number FOREIGN KEY (Inventory\_number) REFERENCES dimEquipments (Inventory\_number)

2)



Я ВОСПОЛЬЗОВАЛСЯ GOOGLE!!!!