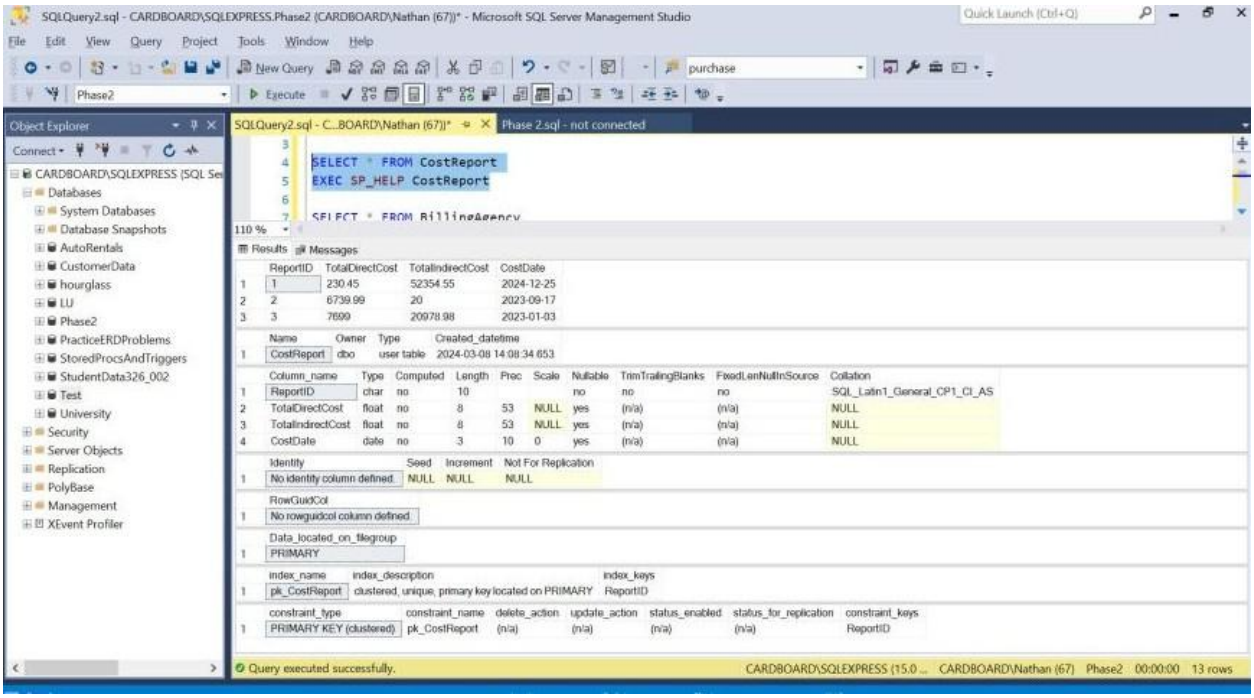
Team: Bravo

1. CostReport

Create Table Statement:

```
CREATE TABLE CostReport(
ReportID CHAR(10) NOT NULL,
TotalDirectCost FLOAT,
TotalIndirectCost FLOAT,
CostDate DATE,
CONSTRAINT pk_CostReport PRIMARY KEY(ReportID))
```

exec sp_help CostReport
select * from CostReport

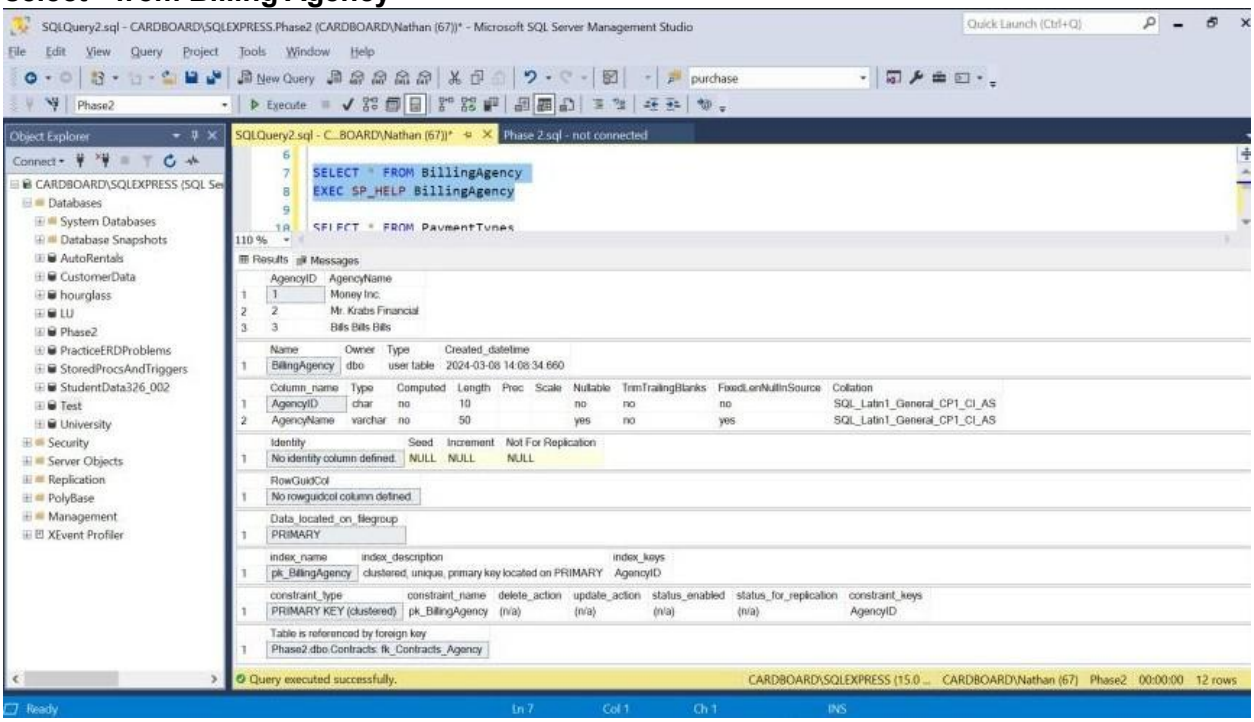


Create Table Statement:

2. Billing Agency

```
CREATE TABLE BillingAgency(
AgencyID CHAR(10) NOT NULL,
AgencyName VARCHAR(50),
CONSTRAINT pk_BillingAgency PRIMARY KEY(AgencyID))
```

exec sp_help Billing Agency
select * from Billing Agency

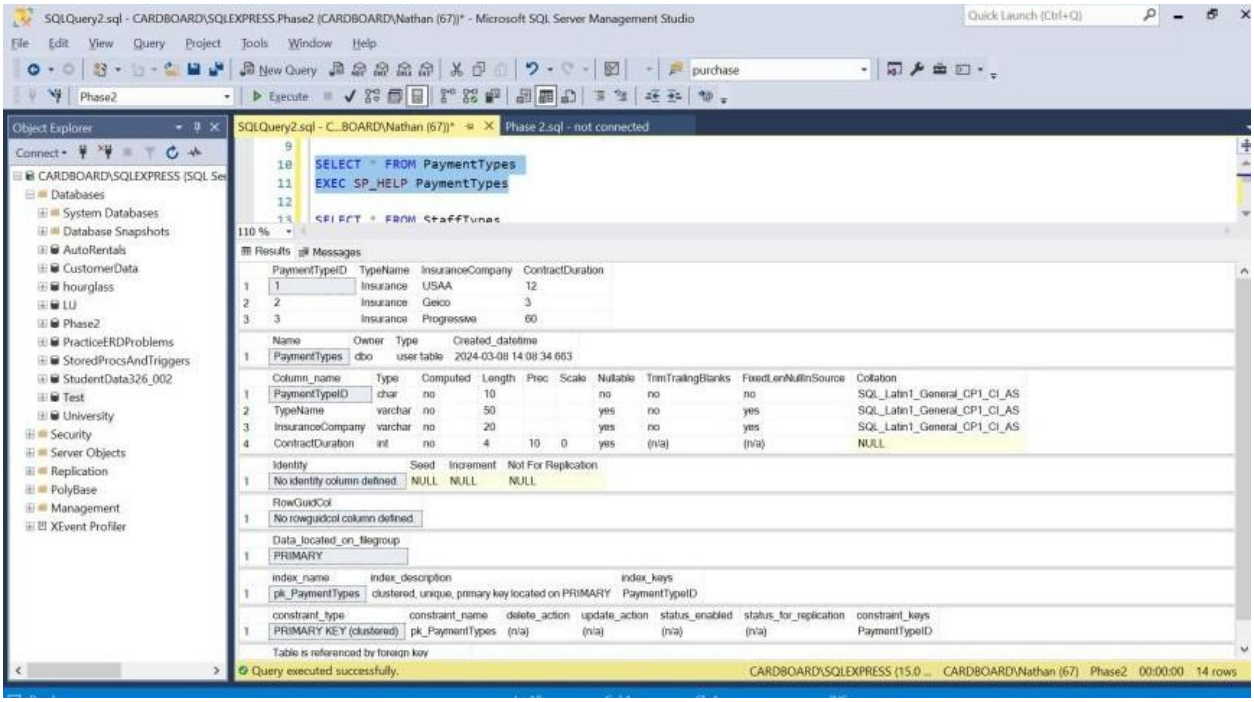


3. Payment Types

Create Table Statement:

CREATE TABLE PaymentTypes(
PaymentTypeID CHAR(10) NOT NULL,
TypeName VARCHAR(50),
InsuranceCompany VARCHAR(20),
ContractDuration INT,
CONSTRAINT pk_PaymentTypes PRIMARY KEY(PaymentTypeID))

exec sp_help Payment Types
select * from Payment Types



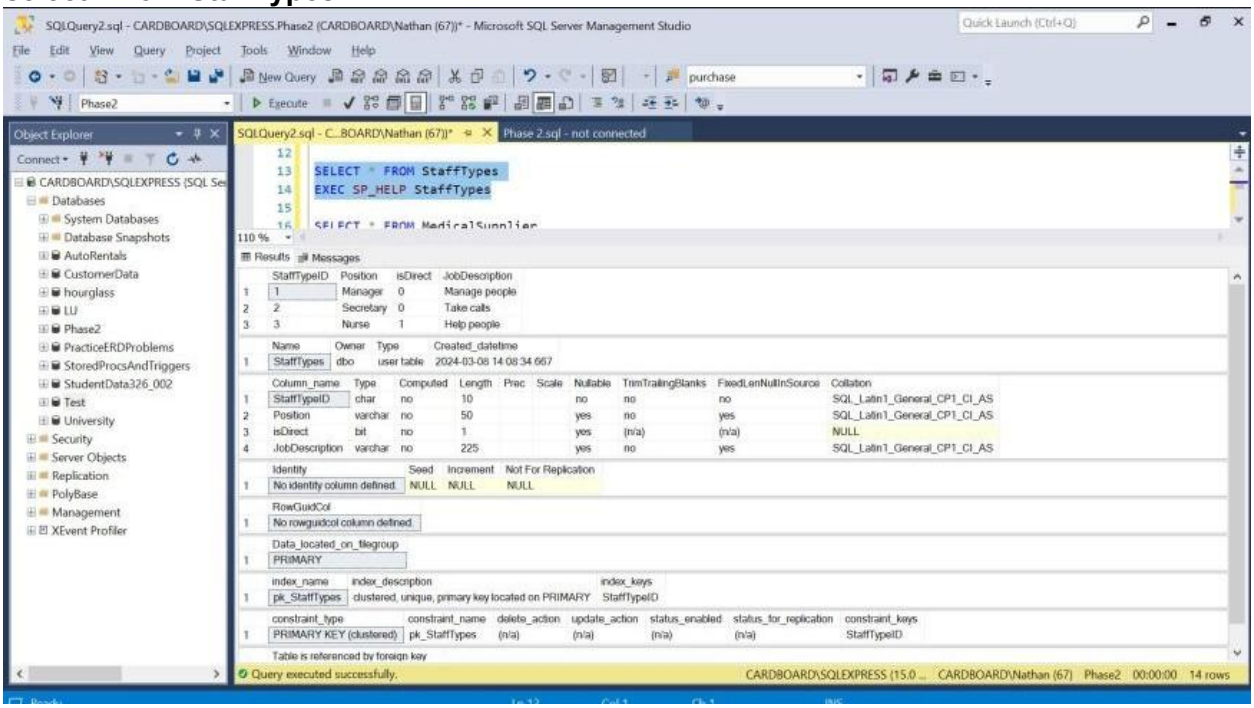
4. StaffTypes

CREATE TABLE StaffTypes(

Create Table Statement:

StaffTypeID CHAR(10) NOT NULL,
Position VARCHAR(50), isDirect
BIT,
JobDescription VARCHAR(225),
CONSTRAINT pk_StaffTypes PRIMARY KEY(StaffTypeID))

exec sp_help StaffTypes
select * from StaffTypes



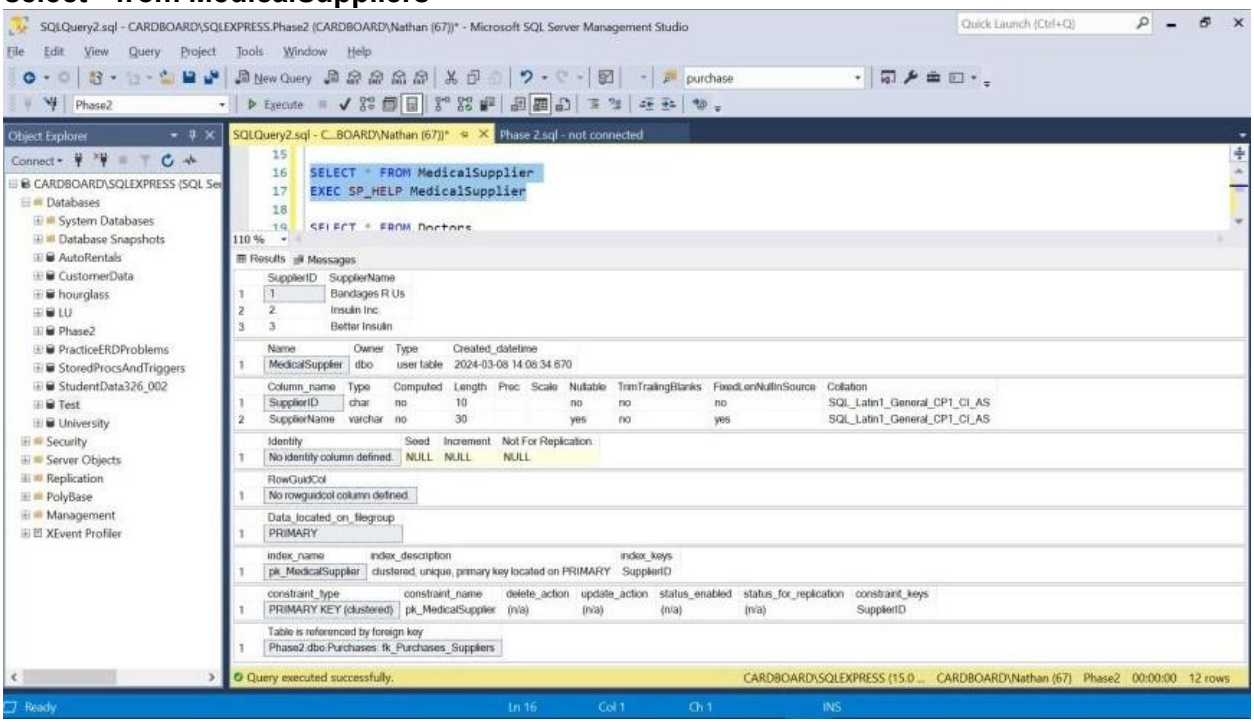
5. MedicalSuppliers

Create Table Statement:

CREATE TABLE MedicalSupplier(
SupplierID CHAR(10) NOT NULL,
SupplierName VARCHAR(30),

CONSTRAINT pk_MedicalSupplier PRIMARY KEY(SupplierID))

exec sp_help MedicalSuppliers
select * from MedicalSuppliers



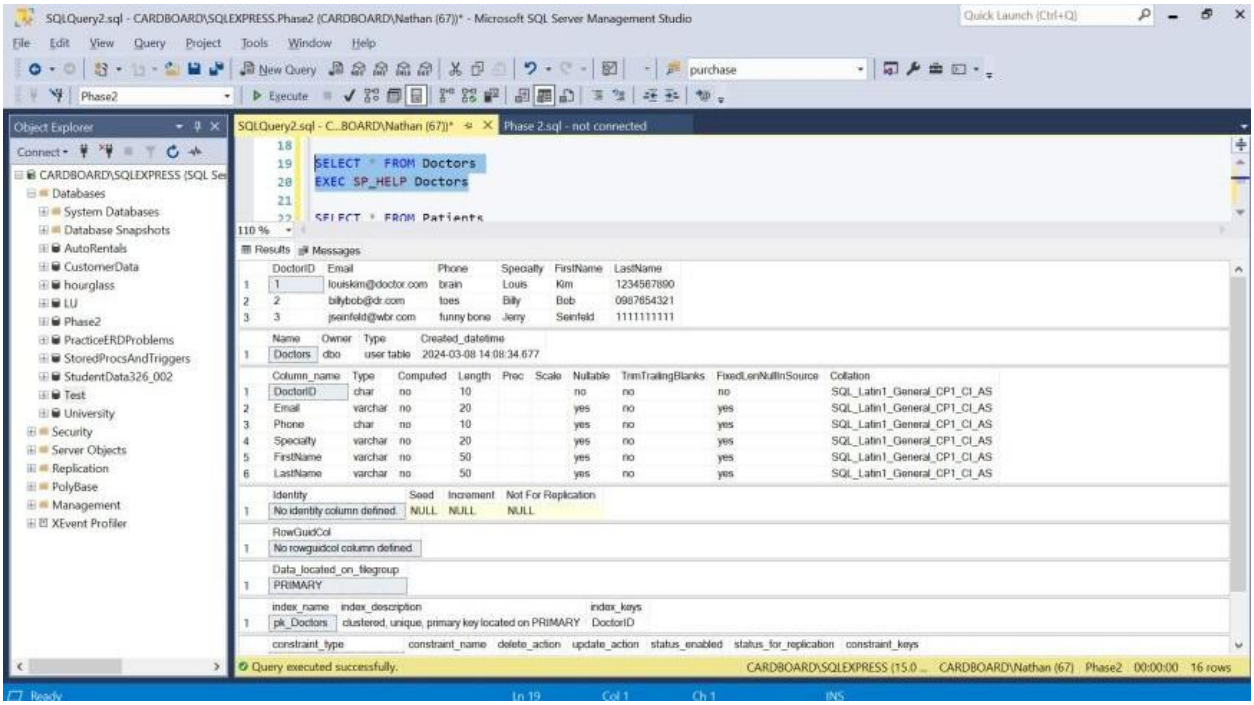
6. Doctors

CREATE TABLE Doctors(
DoctorID CHAR(10) NOT NULL,
Email VARCHAR(20),
Phone CHAR(10),
Specialty VARCHAR(20),
FirstName VARCHAR(50),

Create Table Statement:

LastName VARCHAR(50),
CONSTRAINT pk_Doctors PRIMARY KEY (DoctorID))

exec sp_help Doctors
select * from Doctors

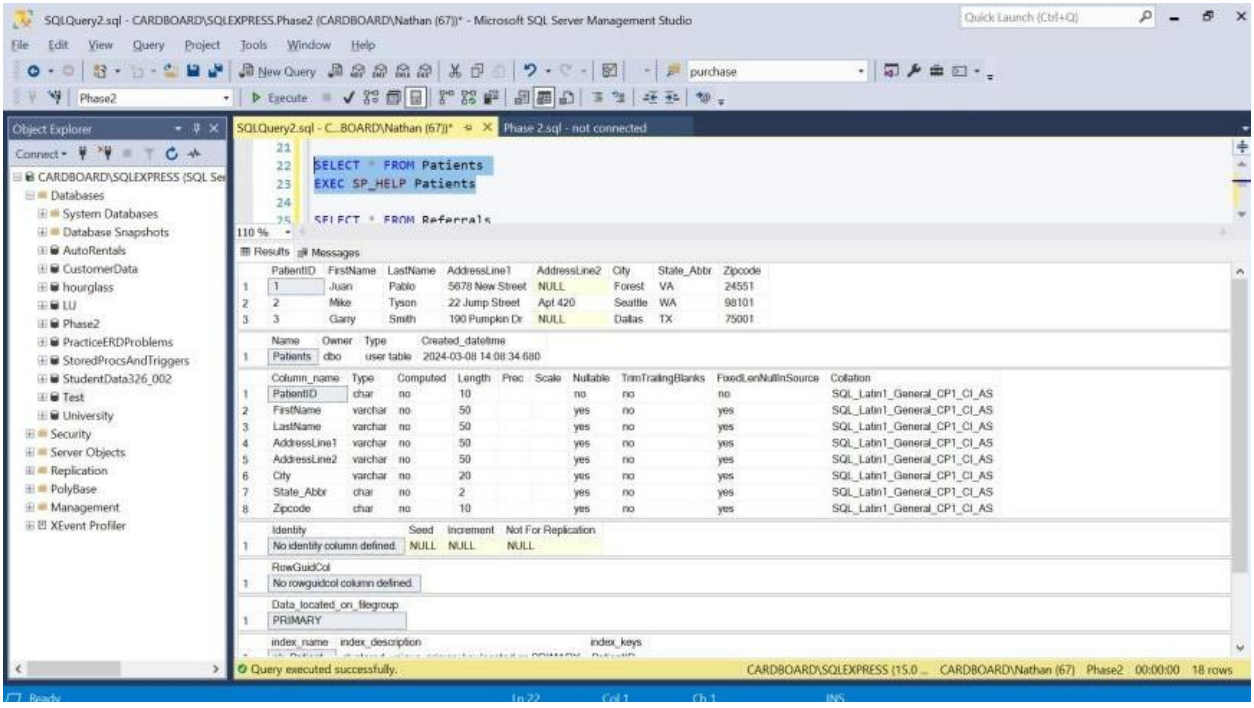


Create Table Statement:

7. Patients

```
CREATE TABLE Patients(
PatientID CHAR(10) NOT NULL,
FirstName VARCHAR(50),
LastName VARCHAR(50),
AddressLine1 VARCHAR(50),
AddressLine2 VARCHAR(50),
City VARCHAR(20),
State_Abbr CHAR(2),
Zipcode CHAR(10)
CONSTRAINT pk_Patient PRIMARY KEY (PatientID))
```

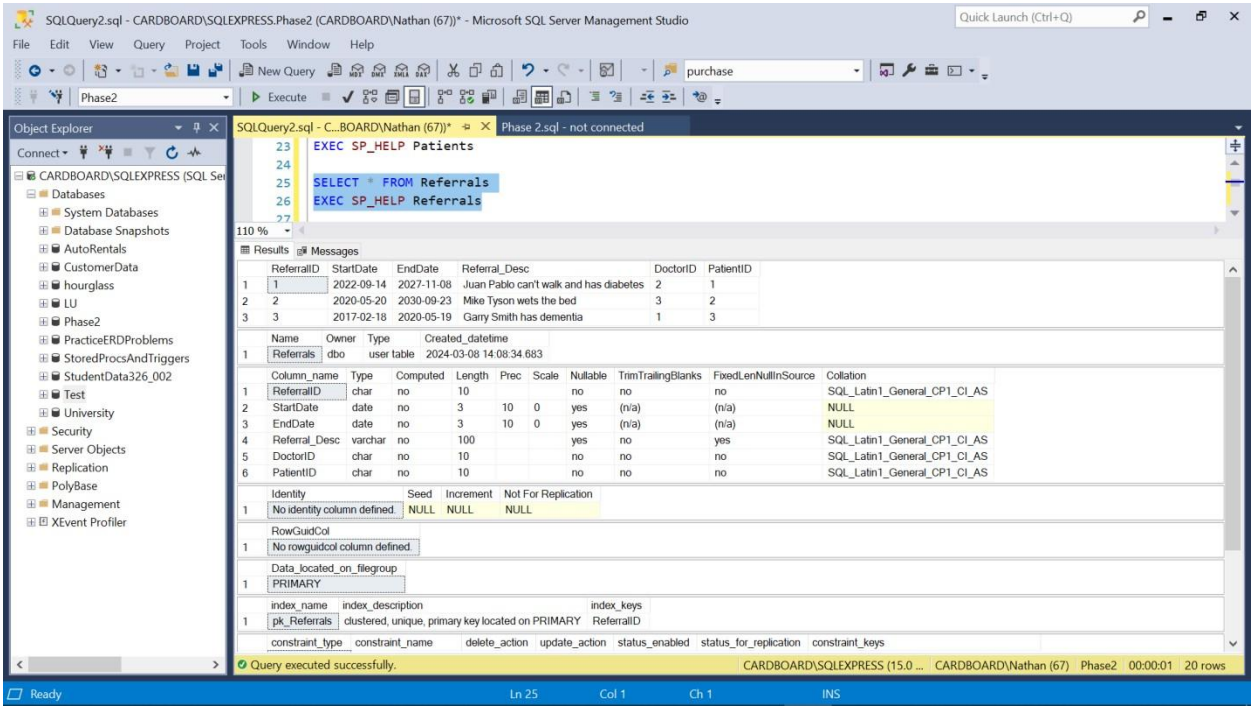
exec sp_help Patients
select * from Patients



Create Table Statement:

8. Referrals

```
CREATE TABLE Referrals(
ReferralID CHAR(10) NOT NULL,
StartDate DATE,
EndDate DATE,
Referral_Desc VARCHAR(100),
DoctorID CHAR(10) NOT NULL,
PatientID CHAR(10) NOT NULL,
CONSTRAINT pk_Referrals PRIMARY KEY(ReferralID),
CONSTRAINT fk_Referrals_Doctors FOREIGN KEY(DoctorID) REFERENCES
Doctors(DoctorID),
CONSTRAINT fk_Referrals_Patients FOREIGN KEY(PatientID) REFERENCES
Patients(PatientID))
```



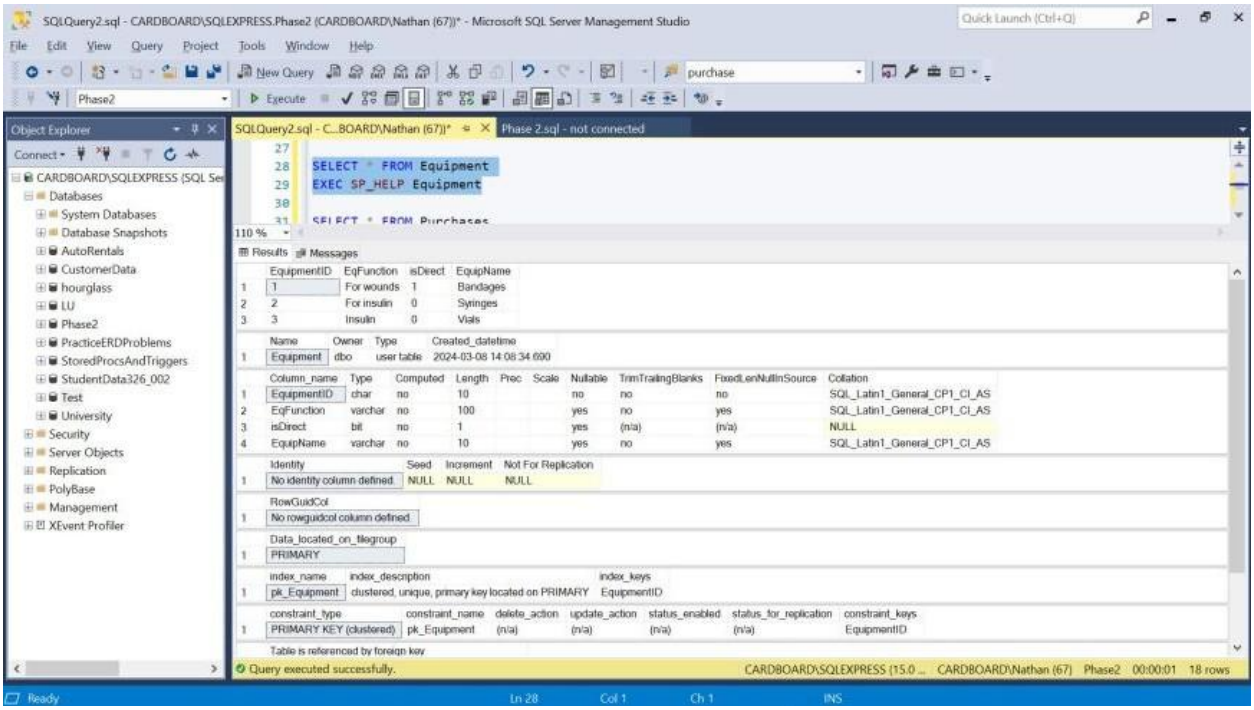
```
exec sp_help Referrals
select * from Referrals
```

Create Table Statement:

9. Equipment**Create Table Statement:**

```
CREATE TABLE Equipment(
EquipmentID CHAR(10) NOT NULL,
EqFunction VARCHAR(100),
isDirect BIT,
EquipName VARCHAR(10)
CONSTRAINT pk_Equipment PRIMARY KEY(EquipmentID))
```

exec sp_help Equipment
select * from Equipment



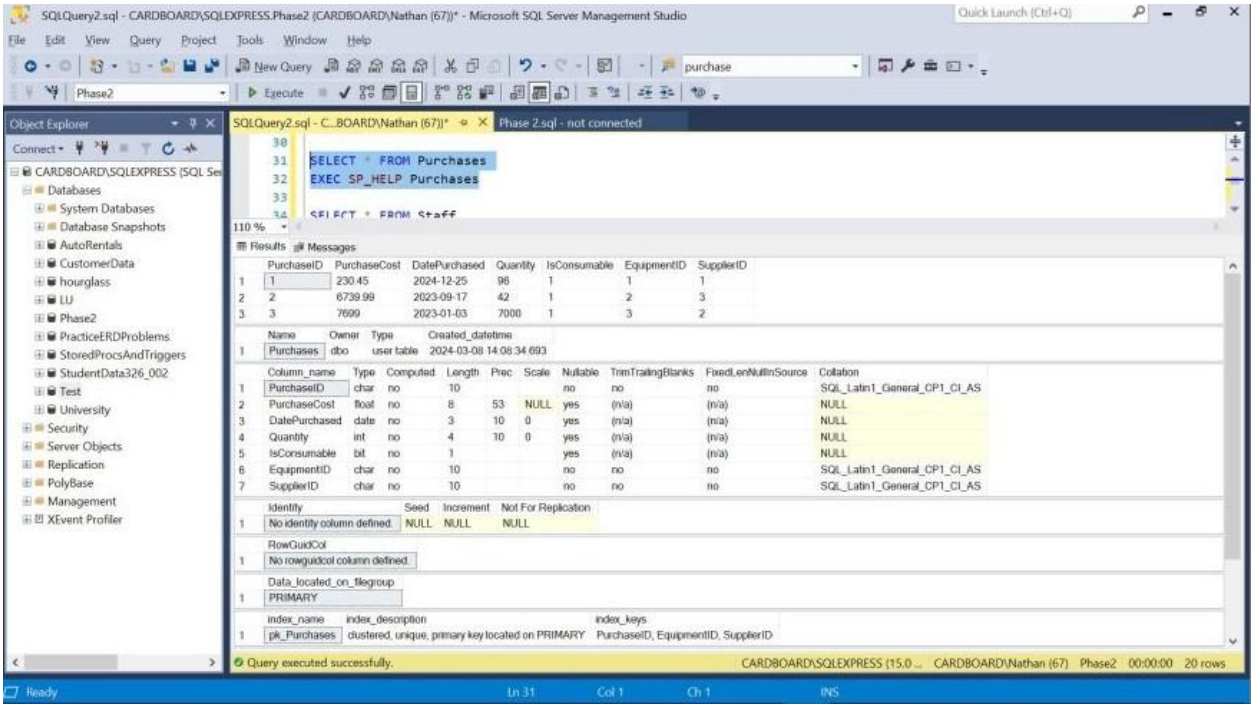
Create Table Statement:

10. Purchases

Create Table Statement:

```
CREATE TABLE Purchases(
PurchaseID CHAR(10) NOT NULL,
PurchaseCost FLOAT,
DatePurchased DATE,
Quantity INT,
IsConsumable TINYINT,
EquipmentID CHAR(10) NOT NULL,
SupplierID CHAR(10) NOT NULL,
CONSTRAINT pk_Purchases PRIMARY KEY (PurchaseID, EquipmentID, SupplierID),
CONSTRAINT fk_Purchases_Equipments FOREIGN KEY(EquipmentID)
REFERENCES Equipment(EquipmentID),
CONSTRAINT fk_Purchases_Suppliers FOREIGN KEY(SupplierID) REFERENCES
MedicalSupplier(SupplierID))
```

exec sp_help Purchases
select * from Purchases



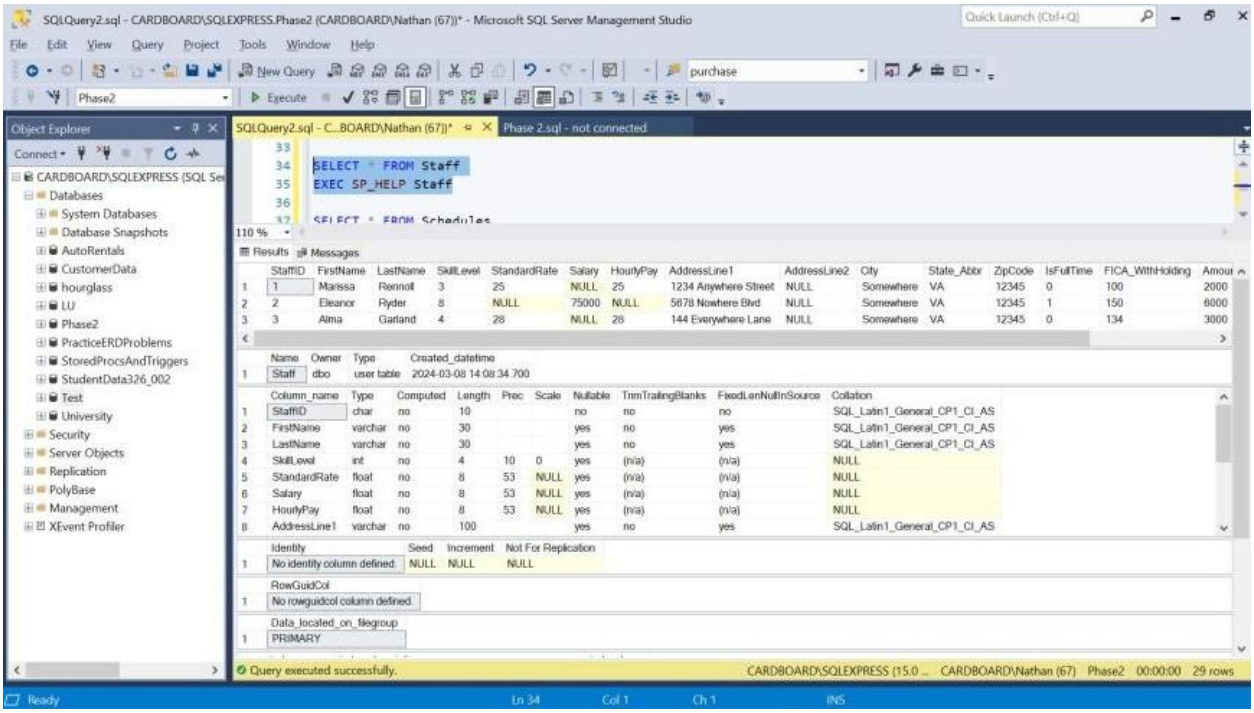
11. Staff

CREATE TABLE Staff(
StaffID CHAR(10) NOT NULL,
FirstName VARCHAR(30),
LastName VARCHAR(30),
SkillLevel INT,
StandardRate FLOAT,
Salary FLOAT,
HourlyPay FLOAT,
AddressLine1 VARCHAR(100),
AddressLine2 VARCHAR(100),
City VARCHAR(10),
State_Abbr CHAR(2),
ZipCode CHAR(10),
IsFullTime BIT,
FICA_WithHolding FLOAT,
Amount_401K FLOAT,
InsurancePremium FLOAT,
CONSTRAINT pk_Staff PRIMARY KEY(StaffID))

exec sp_help Staff
select * from Staff

12. Schedules

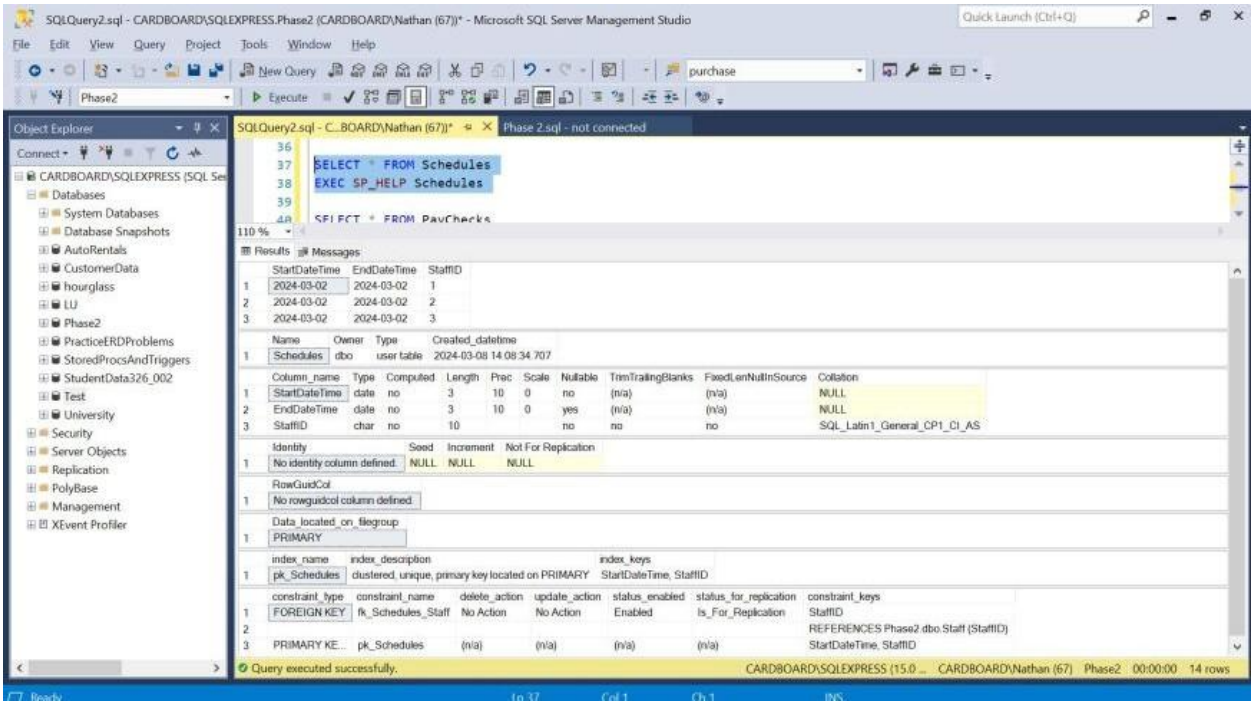
Create Table Statement:



Create Table Statement:

CREATE TABLE Schedules(
StartDateTime DATE NOT NULL,
EndDateTime DATE,
StaffID CHAR(10) NOT NULL,
CONSTRAINT pk_Schedules PRIMARY KEY(StartDateTime, StaffID),
CONSTRAINT fk_Schedules_Staff FOREIGN KEY(StaffID) References Staff(StaffID))

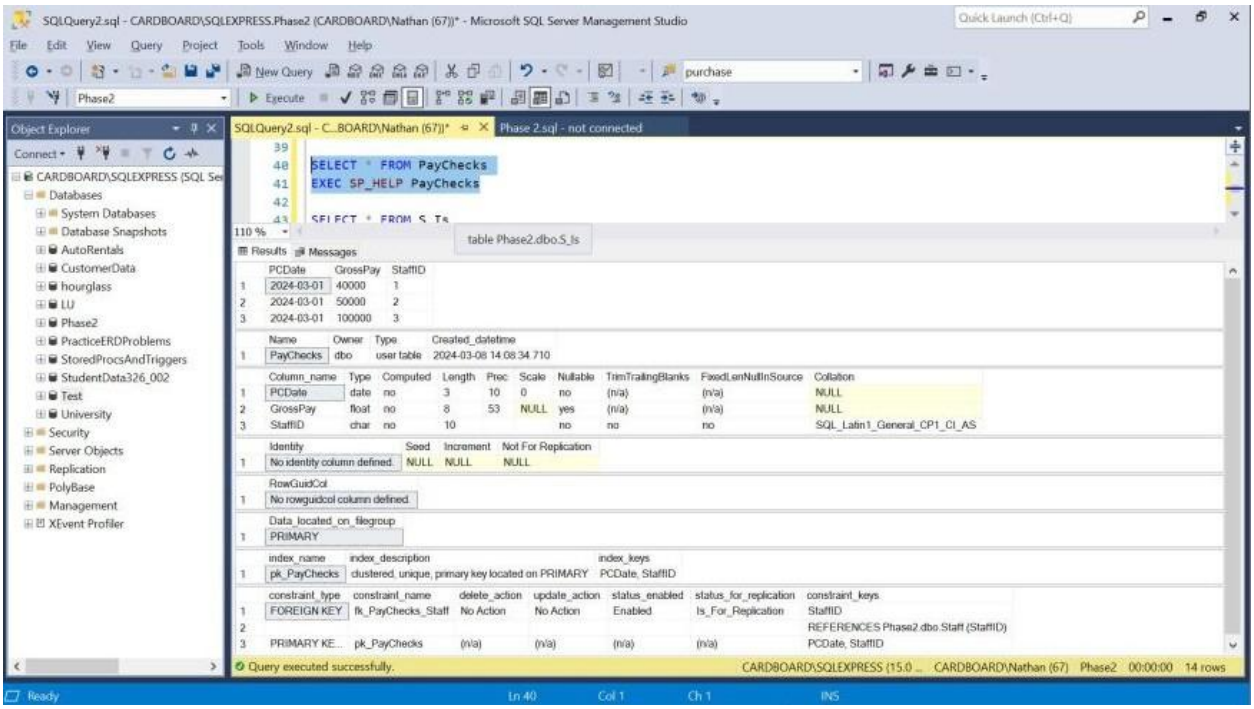
exec sp_help Schedules
select * from Schedules



13. PayChecks

CREATE TABLE PayChecks(
PCDate DATE,
GrossPay FLOAT,
StaffID CHAR(10) NOT NULL,
CONSTRAINT pk_PayChecks PRIMARY KEY(PCDate, StaffID),
CONSTRAINT fk_PayChecks_Staff FOREIGN KEY(StaffID) References Staff(StaffID))

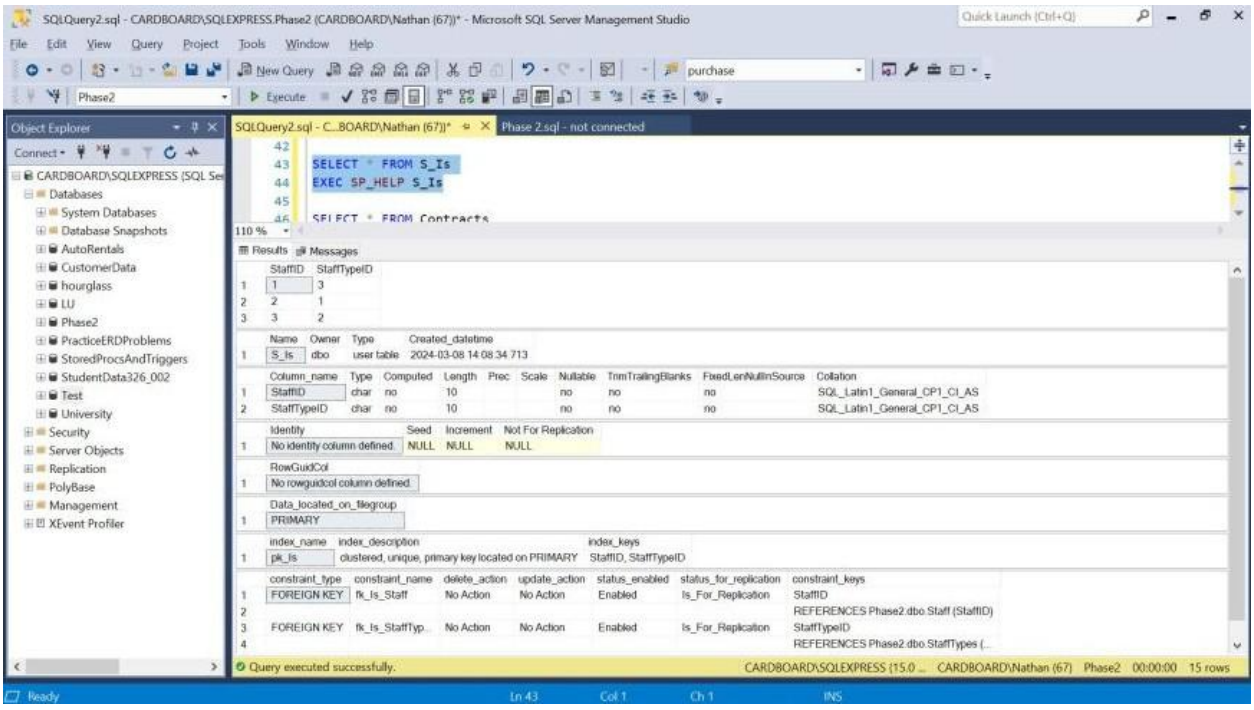
exec sp_help PayChecks
select * from PayChecks



Create Table Statement:

14. S_Is

```
CREATE TABLE S_Is( --Is Table
StaffID CHAR(10) NOT NULL,
StaffTypeID CHAR(10) NOT NULL,
CONSTRAINT pk_Is PRIMARY KEY (StaffID, StaffTypeID),
CONSTRAINT fk_Is_Staff FOREIGN KEY (StaffID) references Staff(StaffID),
CONSTRAINT fk_Is_StaffTypes FOREIGN KEY (StaffTypeID) references
StaffTypes(StaffTypeID))
```



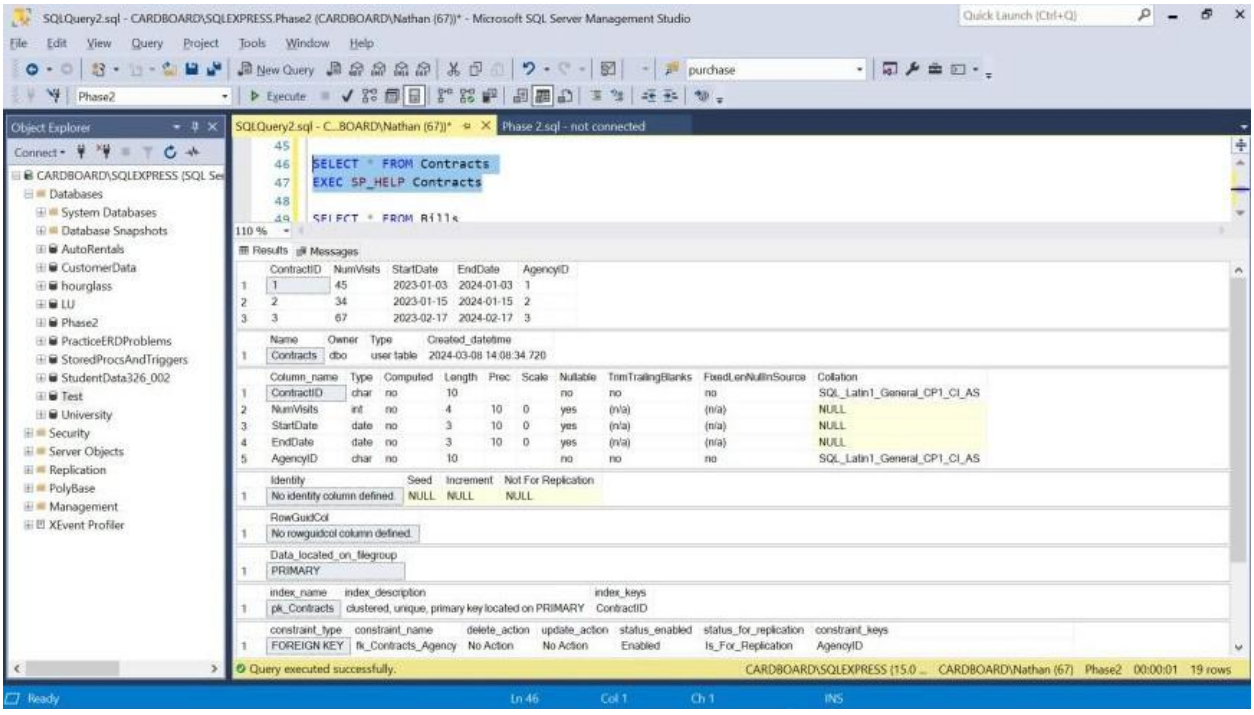
Create Table Statement:

```
exec sp_help S_ls
select * from S_ls
```

Create Table Statement:

15. Contracts

```
CREATE TABLE Contracts(
ContractID CHAR(10) NOT NULL,
NumVisits INT,
StartDate DATE,
EndDate DATE,
AgencyID CHAR(10) NOT NULL,
CONSTRAINT pk_Contracts PRIMARY KEY (ContractID),
CONSTRAINT fk_Contracts_Agency FOREIGN KEY (AgencyID) REFERENCES
BillingAgency(AgencyID))
```



Create Table Statement:

```
exec sp_help Contracts
select * from Contracts
```

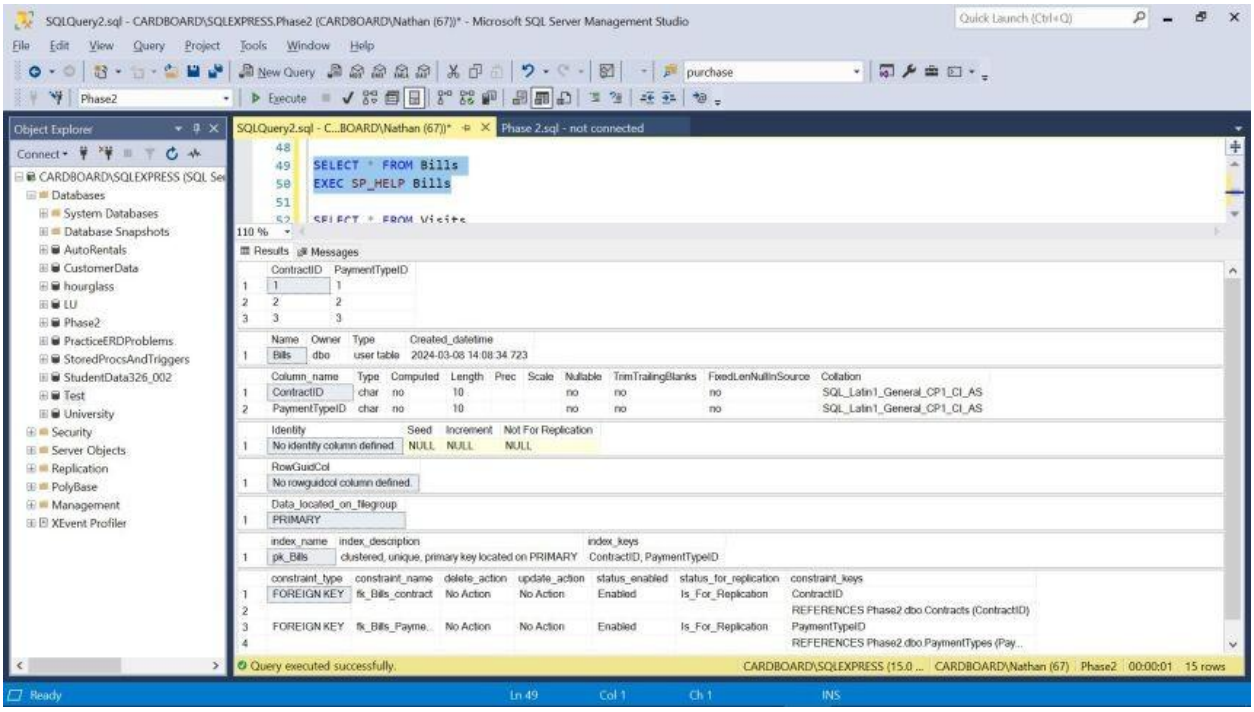
Create Table Statement:

16. Bills

```
CREATE TABLE Bills(
ContractID CHAR(10) NOT NULL,
PaymentTypeID CHAR(10) NOT NULL,
CONSTRAINT pk_Bills PRIMARY KEY (ContractID, PaymentTypeID),
CONSTRAINT fk_Bills_contract FOREIGN KEY (ContractID) REFERENCES
Contracts(ContractID),
CONSTRAINT fk_Bills_PaymentTypes FOREIGN KEY (PaymentTypeID)
REFERENCES PaymentTypes(PaymentTypeID))
```

exec sp_help Bills
select * from Bills

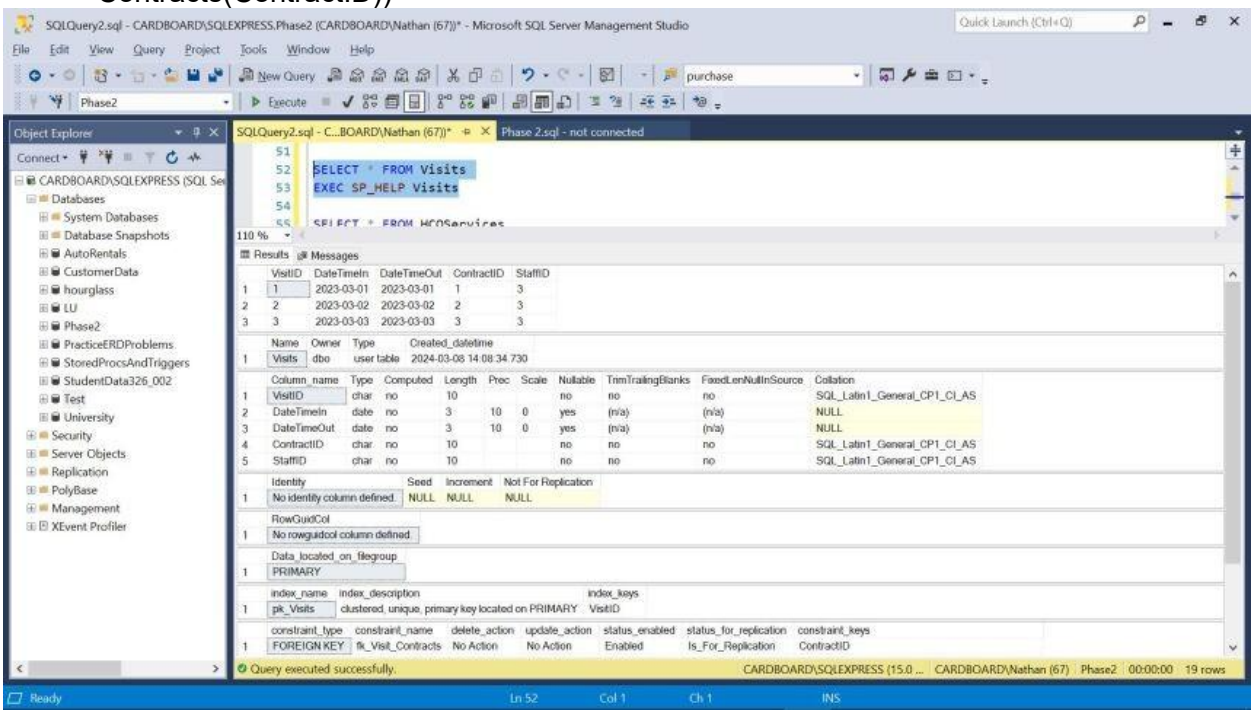
Create Table Statement:



Create Table Statement:

17. Visits

```
CREATE TABLE Visits(
VisitID CHAR(10) NOT NULL,
DateTimeIn DATE,
DateTimeOut DATE,
ContractID CHAR(10) NOT NULL,
StaffID CHAR(10) NOT NULL,
CONSTRAINT pk_Visits PRIMARY KEY (VisitID),
CONSTRAINT fk_Visit_Staff FOREIGN KEY (StaffID) references Staff(StaffID),
CONSTRAINT fk_Visit_Contracts FOREIGN KEY (ContractID) references
Contracts(ContractID))
```



Create Table Statement:

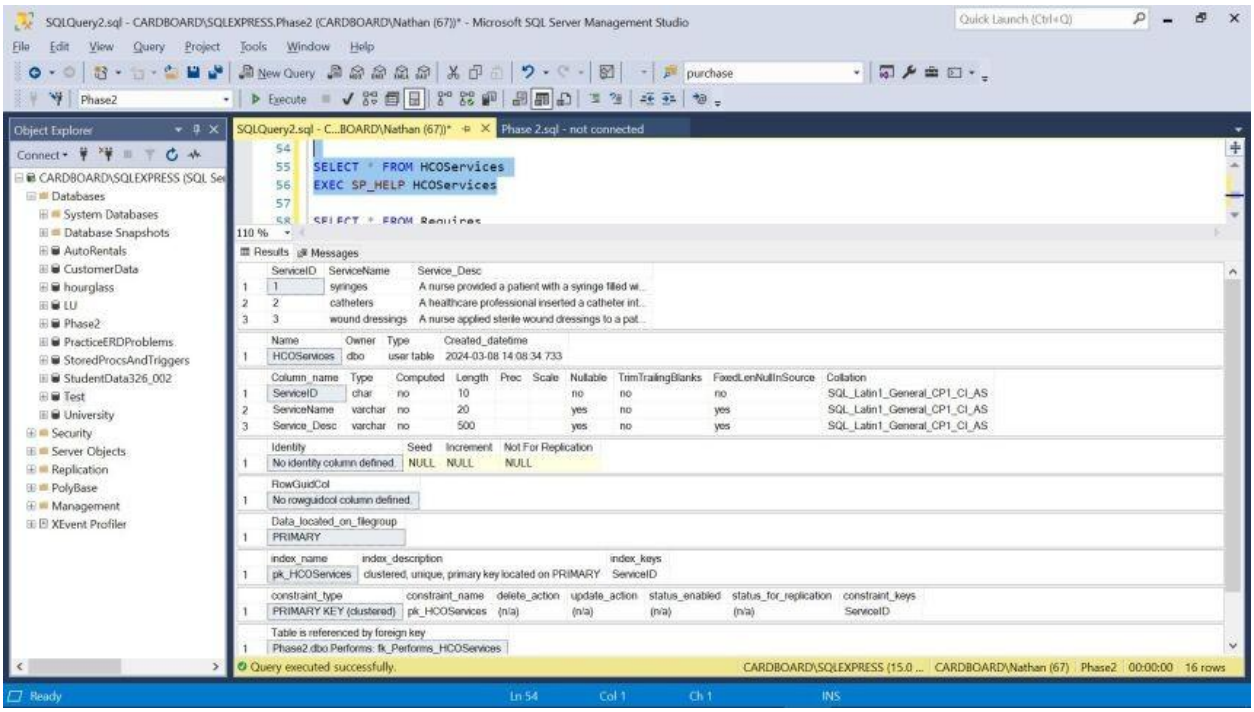
```
exec sp_help Visits
select * from Visits
```

Create Table Statement:

18. HCOServices

```
CREATE TABLE HCOServices(
ServiceID CHAR(10),
ServiceName VARCHAR(20),
Service_Descr VARCHAR(100),
CONSTRAINT pk_HCOServices PRIMARY KEY (ServiceID))
```

exec sp_help HCOServices
select * from HCOServices



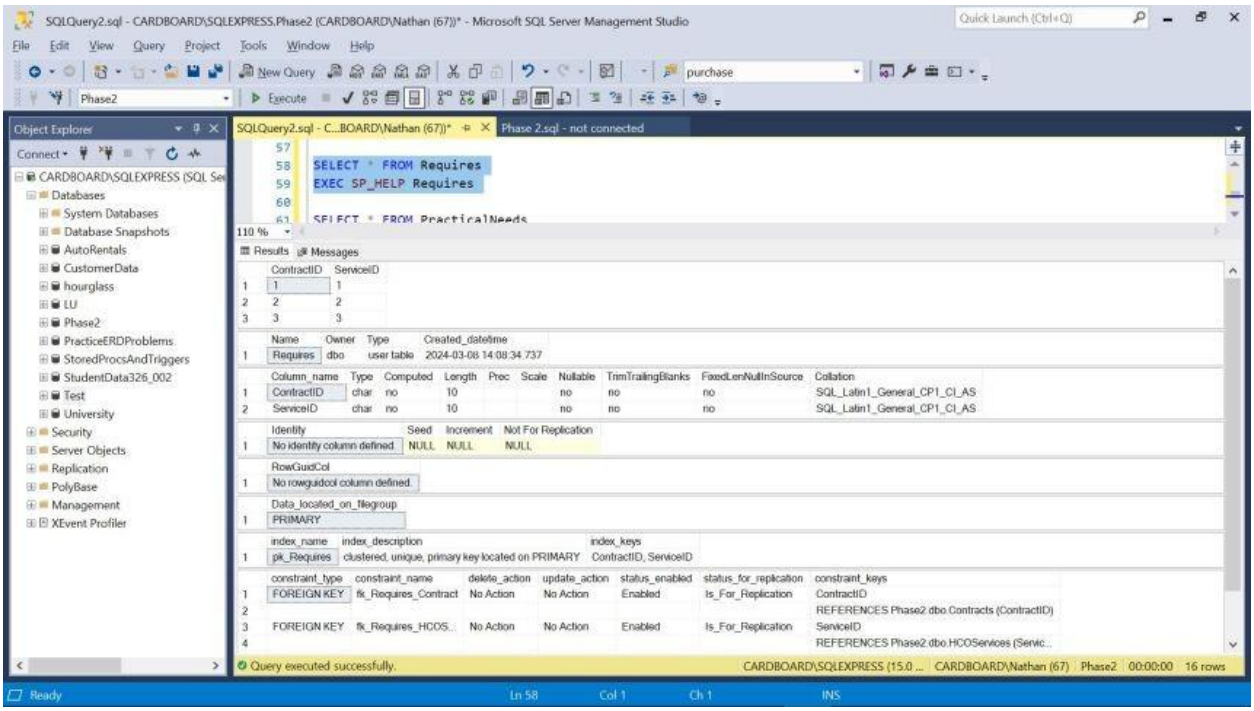
Create Table Statement:

19. Requires

```
CREATE TABLE Requires(
ContractID CHAR(10) NOT NULL,
ServiceID CHAR(10) NOT NULL,
CONSTRAINT pk_Requires PRIMARY KEY(ContractID, ServiceID),
CONSTRAINT fk_Requires_Contract FOREIGN KEY (ContractID) REFERENCES
Contracts(ContractID),
CONSTRAINT fk_Requires_HCOServices FOREIGN KEY (ServiceID) REFERENCES
HCOServices(ServiceID))
```

exec sp_help Requires
select * from Requires

Create Table Statement:



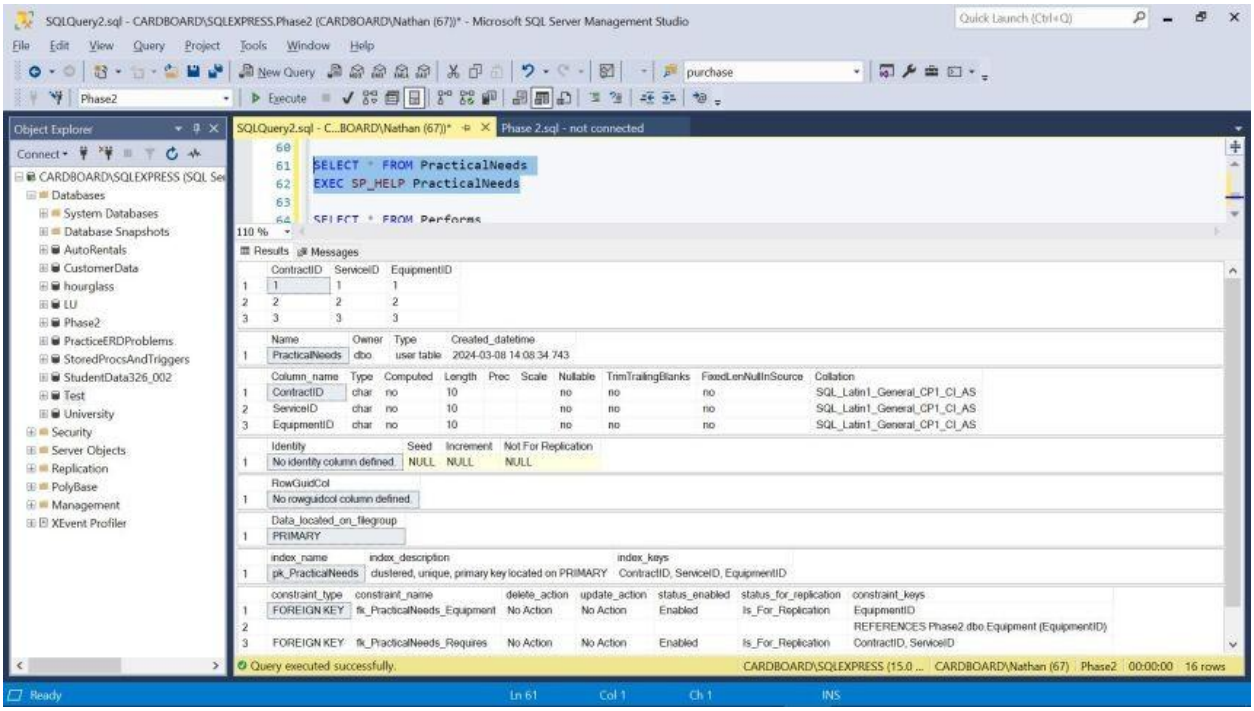
20. PracticalNeeds

CREATE TABLE PracticalNeeds(
ContractID CHAR(10) NOT NULL,
ServiceID CHAR(10) NOT NULL,

Create Table Statement:

```
EquipmentID CHAR(10) NOT NULL,
CONSTRAINT pk_PracticalNeeds PRIMARY KEY(ContractID, ServiceID, EquipmentID),
CONSTRAINT fk_PracticalNeeds_Requires FOREIGN KEY (ContractID, ServiceID)
REFERENCES Requires(ContractID, ServiceID),
CONSTRAINT fk_PracticalNeeds_Equipment FOREIGN KEY (EquipmentID)
REFERENCES Equipment(EquipmentID))
```

exec sp_help PracticalNeeds
select * from PracticalNeeds



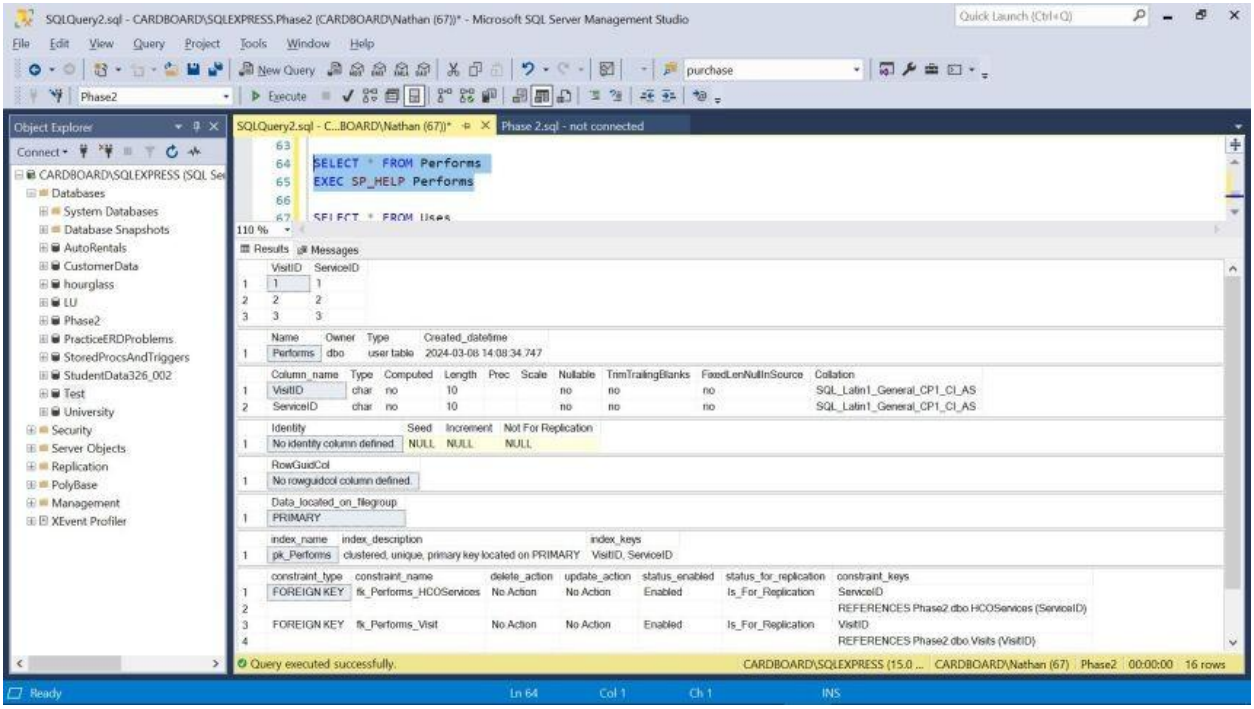
Create Table Statement:

21. Performs

```
CREATE TABLE Performs(
VisitID CHAR(10) NOT NULL,
ServiceID CHAR(10) NOT NULL,
CONSTRAINT pk_Performs PRIMARY KEY(VisitID, ServiceID),
CONSTRAINT fk_Performs_Visit FOREIGN KEY(VisitID) REFERENCES Visits(VisitID),
CONSTRAINT fk_Performs_HCOServices FOREIGN KEY(ServiceID) REFERENCES
HCOServices(ServiceID))
```

exec sp_help Performs
select * from Performs

Create Table Statement:

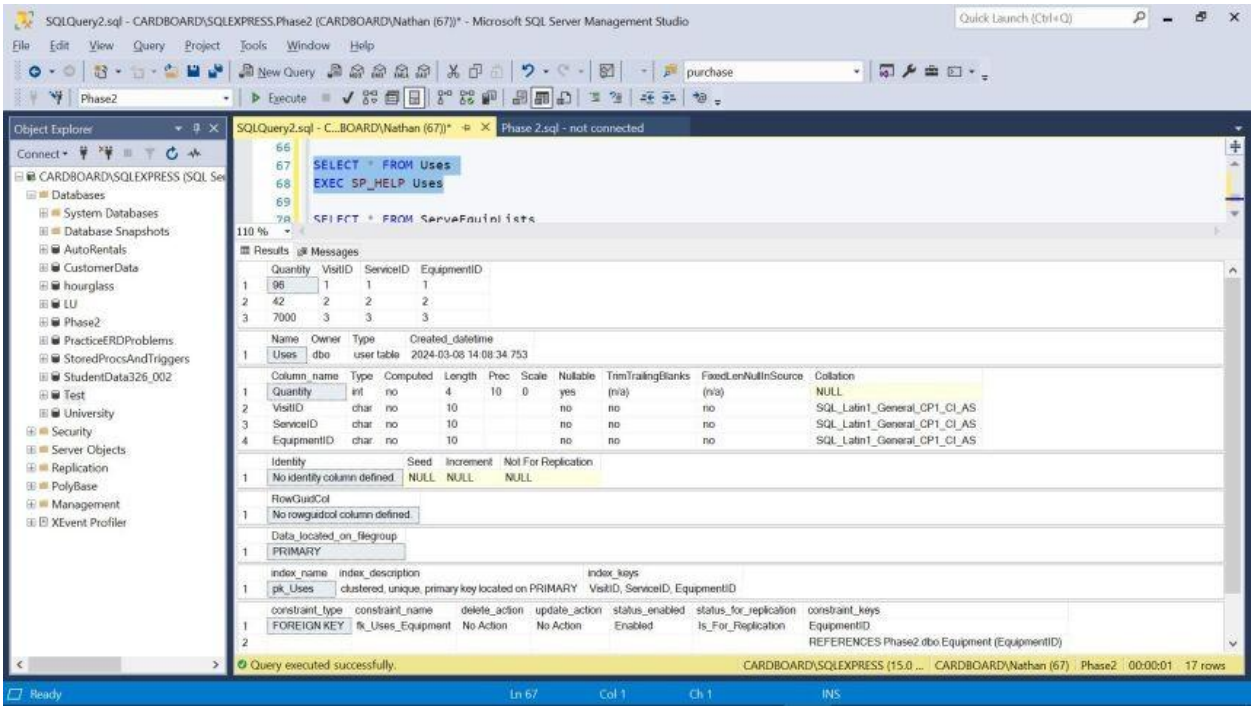


22. Uses

CREATE TABLE Uses(
Quantity INT,
VisitID CHAR(10) NOT NULL,
ServiceID CHAR(10) NOT NULL,

Create Table Statement:
EquipmentID CHAR(10) NOT NULL,
CONSTRAINT pk_Uses PRIMARY KEY(VisitID, ServiceID, EquipmentID),
CONSTRAINT fk_Uses_Equipment FOREIGN KEY(EquipmentID) REFERENCES Equipment(EquipmentID),
CONSTRAINT fk_Uses_Performs FOREIGN KEY(VisitID, ServiceID) REFERENCES Performs(VisitID, ServiceID))

exec sp_help Uses
select * from Uses

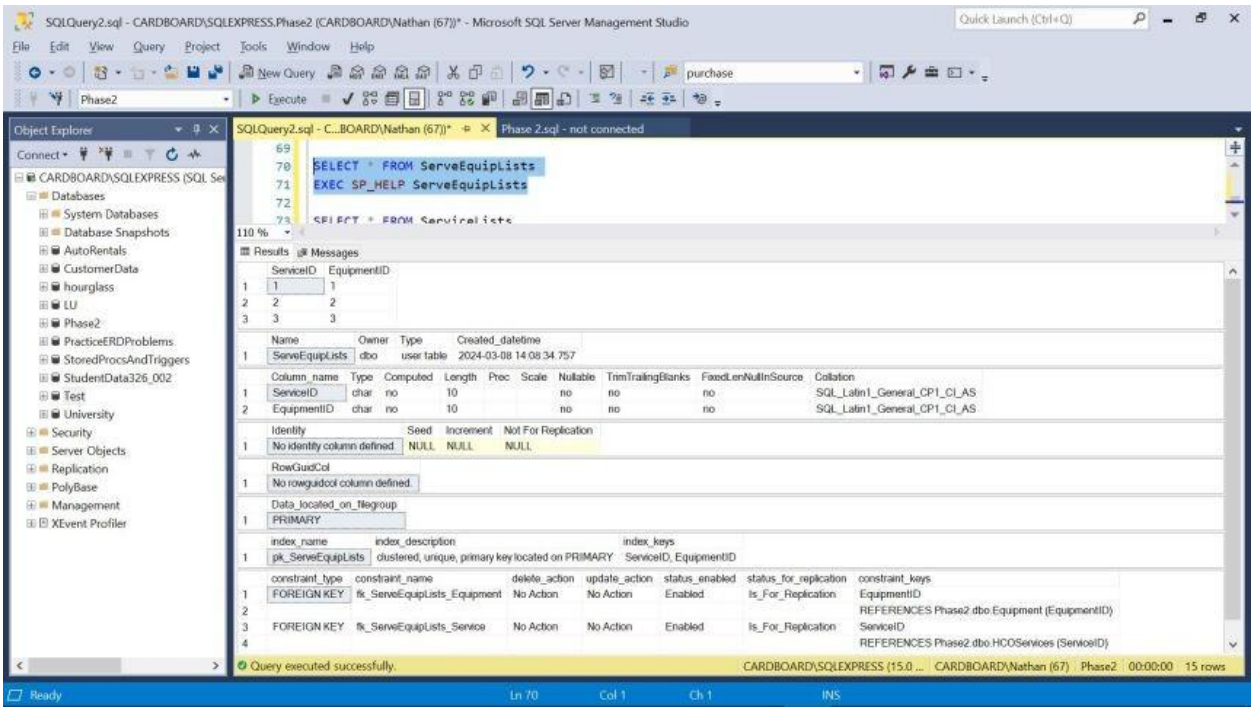


23. ServeEquipLists

Create Table Statement:

CREATE TABLE ServeEquipLists(
ServiceID CHAR(10) NOT NULL,
EquipmentID CHAR(10) NOT NULL,
CONSTRAINT pk_ServeEquipLists PRIMARY KEY(ServiceID, EquipmentID),
CONSTRAINT fk_ServeEquipLists_Service FOREIGN KEY (ServiceID) REFERENCES HCOServices(ServiceID),
CONSTRAINT fk_ServeEquipLists_Equipment FOREIGN KEY (EquipmentID) REFERENCES Equipment(EquipmentID))

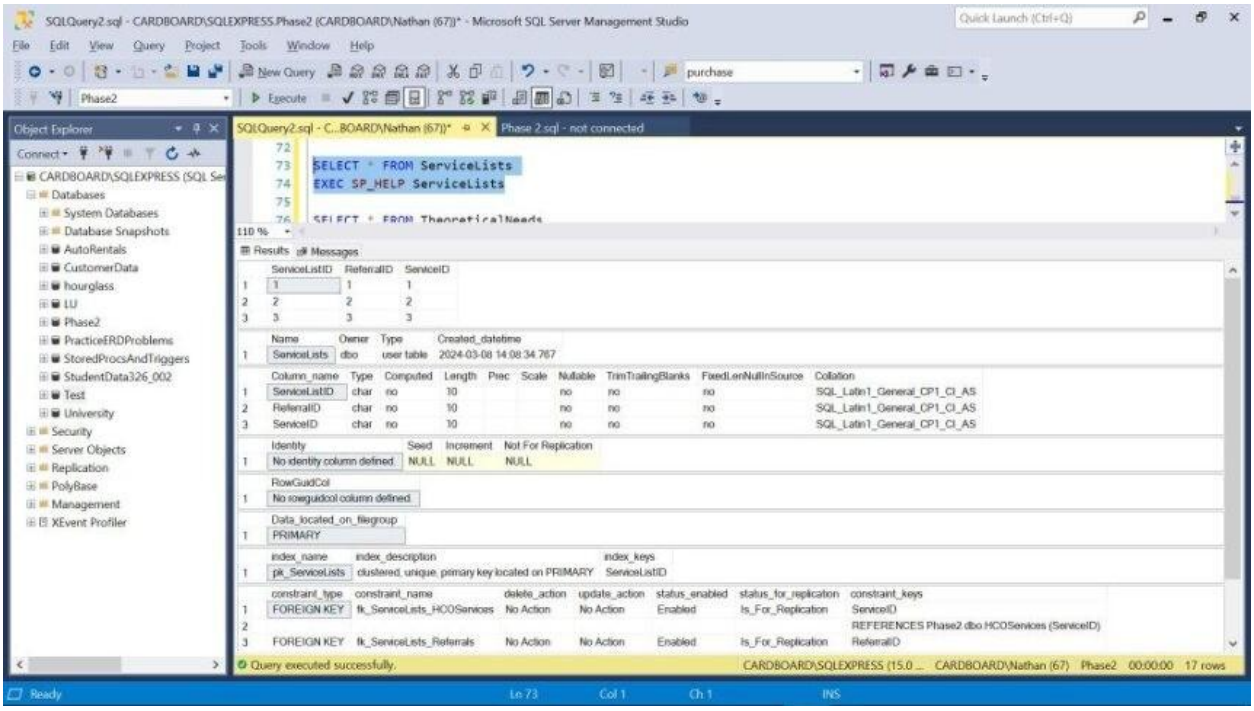
exec sp_help ServeEquipLists
select * from ServeEquipLists



24. ServiceLists

Create Table Statement:

CREATE TABLE ServiceLists(
ServiceListID CHAR(10) NOT NULL,
ReferralID CHAR(10) NOT NULL,
ServiceID CHAR(10) NOT NULL,
CONSTRAINT pk_ServiceLists PRIMARY KEY(ServiceListID),
CONSTRAINT fk_ServiceLists_Referrals FOREIGN KEY(ReferralID) REFERENCES Referrals(ReferralID),
CONSTRAINT fk_ServiceLists_HCOServices FOREIGN KEY(ServiceID) REFERENCES HCOServices(ServiceID))



exec sp_help ServiceLists:
select * from ServiceLists:

25. TheoreticalNeeds

Create Table Statement:

```
CREATE TABLE TheoreticalNeeds(
ServiceListID CHAR(10) NOT NULL,
EquipmentID CHAR(10) NOT NULL,
CONSTRAINT pk_TheoreticalNeeds PRIMARY KEY(ServiceListID, EquipmentID),
CONSTRAINT fk_TheoreticalNeeds_Equipment FOREIGN KEY (EquipmentID)
REFERENCES Equipment(EquipmentID),
CONSTRAINT fk_TheoreticalNeeds_ServiceLists FOREIGN KEY (ServiceListID)
REFERENCES ServiceLists(ServiceListID))
```

exec sp_help TheoreticalNeeds
select * from TheoreticalNeeds