

```
CREATE DATABASE GlobalHealthCareSystem
```

```
---- Create Table Patient ----
```

```
CREATE TABLE Patient (  
    PatientID INT PRIMARY KEY,  
    Patient_FirstName VARCHAR(100),  
    Patient_MiddleName VARCHAR(100),  
    Patient_LastName VARCHAR(100),  
    Patient_Phone_Num VARCHAR(15),  
    Patient_Date_of_Birth DATE,  
    Sex CHAR(1) CHECK (Sex IN ('M', 'F', 'O')),  
    Height Float,  
    Weight Float,  
    Blood_Group VARCHAR(5) CHECK (Blood_Group IN ('A', 'B', 'AB', 'O', 'A+', 'A-', 'B+', 'B-', 'AB+', 'AB-',  
    'O+', 'O-')),  
    Address VARCHAR(500),  
    Country VARCHAR(100),  
    Next_of_Kin_Name VARCHAR(150),  
    Emergency_Phone_Number VARCHAR(15),  
    Patient_Password VARBINARY(MAX)  
);  
SELECT * FROM Patient
```

```
--- Added new column ---
```

```
ALTER TABLE Patient  
ADD PatientPass VARCHAR(500)
```

---- Create Table HealthcareInstitution ----

```
CREATE TABLE HealthcareInstitution(  
    InstitutionID INT PRIMARY KEY,  
    Institution_Name VARCHAR(500),  
    Location VARCHAR(500)  
);  
SELECT * FROM HealthcareInstitution;
```

---- Create Table Doctor ----

```
CREATE TABLE Doctor(  
    DoctorID INT PRIMARY KEY,  
    InstitutionID INT,  
    Doctor_FirstName VARCHAR(50),  
    Doctor_MiddleName VARCHAR(50),  
    Doctor_LastName VARCHAR(50),  
    Specialization VARCHAR(200),  
    OnCallNumber VARCHAR(15),  
    FOREIGN KEY (InstitutionID)REFERENCES HealthcareInstitution(InstitutionID),  
);
```

--- Added new column ---

```
alter table Doctor  
add DoctorPass varchar(500);
```

```
SELECT * FROM Doctor;
```

---- Create Table RegulatoryDept ----

```
CREATE TABLE RegulatoryDept (  
    Regulatory_Dept_ID INT PRIMARY KEY,  
    Authorizer_Name VARCHAR(200)  
);
```

--- Added new column ----

```
alter table RegulatoryDept  
add DeptPass varchar(500);
```

```
SELECT * FROM RegulatoryDept;
```

---- Create Table Staff ----

```
CREATE TABLE Staff(  
    InstitutionStaffID INT PRIMARY KEY,  
    InstitutionID INT,  
    ContactNumber VARCHAR(15),  
    ContactEmail VARCHAR(100),  
    Department VARCHAR(500),  
    Address VARCHAR(500),  
    FOREIGN KEY (InstitutionID)REFERENCES HealthcareInstitution(InstitutionID),  
);
```

--- Added new column ---

```
alter table Staff
```

```
add StaffPass varchar(500);
```

```
SELECT * FROM Staff
```

```
---- Create Table InsuranceCoverage ----
```

```
CREATE TABLE InsuranceCoverage(  
    Insurance_Registration_ID INT PRIMARY KEY,  
    PatientID INT,  
    Coverage VARCHAR(100) CHECK(COVERAGE IN('Basic', 'Advance', 'Premium', 'PremiumPlus')),  
    Expiration_Date Date,  
    FOREIGN KEY (PatientID) REFERENCES Patient(PatientID)  
);
```

```
SELECT * FROM InsuranceCoverage;
```

```
---- Create Table Visit ----
```

```
CREATE TABLE Visit(  
    VisitID INT PRIMARY Key,  
    DoctorID INT,  
    PatientID INT,  
    InstitutionID INT,  
    Visit_Date DATE,  
    Visit_Time TIME,  
    FOREIGN key (DoctorID) REFERENCES Doctor(DoctorID),  
    FOREIGN key (PatientID) REFERENCES Patient(PatientID),  
    FOREIGN KEY (InstitutionID)REFERENCES HealthcareInstitution(InstitutionID),  
);
```

```
SELECT * FROM Visit;
```

---- Create Table Record ----

```
CREATE TABLE Record(  
    UniqueRecordID INT PRIMARY KEY,  
    PatientID INT,  
    InstitutionID INT,  
    Regulatory_Dept_ID INT,  
    Location VARCHAR(200),  
    Date DATE,  
    ReportType VARCHAR(200) CHECK (ReportType IN('Diagnostic Reports','Prescription')),  
    FOREIGN KEY (PatientID) REFERENCES Patient(PatientID),  
    FOREIGN KEY (InstitutionID) REFERENCES HealthcareInstitution (InstitutionID),  
    FOREIGN KEY (Regulatory_Dept_ID) REFERENCES RegulatoryDept(Regulatory_Dept_ID),  
);
```

---- Added new column ----

```
ALTER TABLE Record  
ADD Status varchar(500);
```

```
ALTER TABLE Record  
ADD CreationTimeStamp DATETIME DEFAULT GETDATE();
```

```
select * from Record
```

```
ALTER TABLE Record  
ADD PDFRecord VARBINARY(MAX);
```

```
ALTER TABLE Record
```

```
ADD DoctorID INT;
```

```
ALTER TABLE Record
```

```
ADD CONSTRAINT FK_Record_Doctor
```

```
FOREIGN KEY (DoctorID) REFERENCES Doctor(DoctorID);
```

```
SELECT * FROM Record;
```

```
---- Create Table Treatment ----
```

```
CREATE TABLE Treatment(
```

```
    TreatmentID INT PRIMARY KEY,
```

```
    PatientID INT,
```

```
    InstitutionID INT,
```

```
    DoctorID INT,
```

```
    Cost Float,
```

```
    Description VARCHAR(500),
```

```
    Date DATE,
```

```
    Diagnosed_Illness VARCHAR(500)
```

```
    FOREIGN KEY(PatientID) REFERENCES Patient(PatientID),
```

```
        FOREIGN KEY (InstitutionID)REFERENCES HealthcareInstitution(InstitutionID),
```

```
    FOREIGN KEY(DoctorID) REFERENCES Doctor(DoctorID),
```

```
);
```

```
SELECT * FROM Treatment;
```

```
SELECT CONSTRAINT_NAME
```

```
FROM INFORMATION_SCHEMA.KEY_COLUMN_USAGE
```

```
WHERE TABLE_NAME = 'Treatment' AND COLUMN_NAME = 'TreatmentID';
```

```
ALTER TABLE Treatment
```

```
DROP CONSTRAINT PK__Treatmen__1A57B71165B3C8A7;
```

```
ALTER TABLE Treatment
```

```
ALTER COLUMN TreatmentID INT NOT NULL;
```

```
ALTER TABLE Treatment
```

```
ALTER COLUMN PatientID INT NOT NULL;
```

```
ALTER TABLE Treatment
```

```
ADD CONSTRAINT PK_Treatment PRIMARY KEY (TreatmentID, PatientID);
```

```
select * from Treatment
```

```
---- Create Table DiagnosticReports ----
```

```
CREATE TABLE DiagnosticReports(
```

```
    UniqueRecordID INT PRIMARY KEY,
```

```
    Medical_Department VARCHAR(250),
```

```
    FOREIGN KEY (UniqueRecordID) REFERENCES Record(UniqueRecordID),
```

```
);
```

```
SELECT * from DiagnosticReports;
```

```
---- Create Table Prescription ----
```

```
CREATE TABLE Prescription(
```

```
    UniqueRecordID INT PRIMARY KEY,
```

```
    E_Sign_Doctor VARCHAR(300),
```

```
    FOREIGN KEY (UniqueRecordID) REFERENCES Record(UniqueRecordID),
```

```
);
```

```
SELECT * FROM Prescription;
```

---- Create Table AuditPatient ----

```
CREATE TABLE AuditPatient(  
    AuditID INT PRIMARY KEY IDENTITY(1,1),  
    PatientID INT,  
    ChangeType VARCHAR(100),  
    ChangeDate DATETIME,  
);
```

```
SELECT * FROM AuditPatient;
```

---- Create Table DeletedPatient ----

```
CREATE TABLE DeletedPatient(  
    PatientID INT,  
    Patient_FirstName VARCHAR(100),  
    Patient_MiddleName VARCHAR(100),  
    Patient_LastName VARCHAR(100),  
    Patient_Phone_Num VARCHAR(15),  
    Patient_Date_of_Birth DATE,  
    Sex CHAR(1) CHECK (Sex IN ('M', 'F', 'O')),  
    Height Float,  
    Weight Float,  
    Blood_Group VARCHAR(5) CHECK (Blood_Group IN ('A', 'B', 'AB', 'O', 'A+', 'A-', 'B+', 'B-', 'AB+', 'AB-', 'O+', 'O-')),  
    Address VARCHAR(500),  
    Country VARCHAR(100),  
    Next_of_Kin_Name VARCHAR(150),
```



```
Emergency_Phone_Number VARCHAR(15),  
Patient_Password VARBINARY(MAX)  
);
```

```
SELECT * FROM DeletedPatient;
```

---- Insert details into Patient ----

```
INSERT INTO Patient (PatientID, Patient_FirstName, Patient_MiddleName, Patient_LastName,  
Patient_Phone_Num,  
Patient_Date_of_Birth, Sex, Height, Weight, Blood_Group, Address, Country,  
Next_of_Kin_Name, Emergency_Phone_Number, Patient_Password)  
VALUES  
  
(101, 'John', 'A', 'Doe', 857123456789, '1990-05-17', 'M', 1.70, 70, 'A+', '123 Main St', 'India',  
'Jane Doe', 8579876543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,  
'Pass101'))),  
  
(102, 'Alice', 'B', 'Smith', 857987654321, '1999-11-29', 'F', 1.60, 55, 'B-', '456 Oak St', 'India',  
'Bob Smith', 857876543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,  
'Pass102'))),  
  
(103, 'Charlie', 'C', 'Brown', 85787654321, '1985-09-03', 'M', 1.75, 80, 'O-', '789 Pine St', 'India',  
'David Brown', 857765432109, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,  
'Pass103'))),  
  
(104, 'Eva', 'D', 'Johnson', 85776543210, '2001-11-29', 'F', 1.55, 50, 'B+', '101 Elm St', 'India',  
'Frank Johnson', 857654321098, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,  
'Pass104'))),  
  
(105, 'Grace', 'E', 'Williams', 857654321098, '1993-03-12', 'F', 1.60, 60, 'AB-', '202 Cedar St', 'India',  
'Henry Williams', 857543210987, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,  
'Pass105'))),
```

(106, 'Ian', 'F', 'Miller', 85754321098, '1980-07-08', 'M', 1.80, 85, 'O+', '303 Maple St', 'USA',
'Julia Miller', 857432109876, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass106'))),

(107, 'Karen', 'G', 'Davis', 85743210987, '1998-01-25', 'F', 1.65, 70, 'A-', '404 Birch St', 'USA',
'Larry Davis', 857321098765, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass107'))),

(108, 'Michael', 'H', 'Wilson', 85732109876, '1976-08-21', 'M', 1.75, 75, 'B-', '505 Pine St', 'USA',
'Nancy Wilson', 857987654321, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass108'))),

(109, 'Olivia', 'I', 'Moore', 85798765432, '1989-04-15', 'F', 1.60, 55, 'AB-', '606 Oak St', 'USA',
'Paul Moore', 857876543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass109'))),

(110, 'Quentin', 'J', 'Taylor', 85787654321, '1995-10-02', 'O', 1.70, 80, 'O+', '707 Main St', 'USA',
'Rachel Taylor', 857765432109, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass110'))),

(111, 'Dmitri', 'A', 'Ivanov', 857123456789, '1980-05-17', 'M', 1.70, 70, 'A+', 'Street 1', 'Russia',
'Olga Ivanova', 8579876543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass111'))),

(112, 'Svetlana', 'B', 'Petrov', 857987654321, '1995-11-29', 'F', 1.60, 55, 'B-', 'Avenue 2', 'Russia',
'Igor Petrov', 857876543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass112')));

INSERT INTO Patient (PatientID, Patient_FirstName, Patient_MiddleName, Patient_LastName,
Patient_Phone_Num,

Patient_Date_of_Birth, Sex, Height, Weight, Blood_Group, Address, Country,

Next_of_Kin_Name, Emergency_Phone_Number, Patient_Password, PatientPass)

VALUES

(113, 'Vishal', 'R', 'Kumar', 8571234567, '1992-08-22', 'M', 1.78, 75, 'B+', '12 Oak Lane', 'India',
'Priya Kumar', 8579876543, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass113'))), 'Passw13'),

(114, 'Aarav', 'S', 'Patel', 8571234567, '1995-03-10', 'M', 1.68, 68, 'O+', '34 Maple Avenue', 'India',
'Amit Patel', 8579876543, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass114'))), 'Passw14'),

(115, 'Nina', 'K', 'Gupta', 8579876543, '1987-09-27', 'F', 1.65, 55, 'AB-', '45 Pine Street', 'India',
'Raj Gupta', 8578765432, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass115'))), 'Passw15');

INSERT INTO Patient (PatientID, Patient_FirstName, Patient_MiddleName, Patient_LastName,
Patient_Phone_Num,

Patient_Date_of_Birth, Sex, Height, Weight, Blood_Group, Address, Country,

Next_of_Kin_Name, Emergency_Phone_Number, Patient_Password, PatientPass)

VALUES

(116, 'Sanjay', 'M', 'Singh', 8577654321, '1990-11-15', 'M', 1.75, 80, 'A-', '56 Elm Street', 'India',
'Anita Singh', 8576543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass116'))), 'Passw16'),

(117, 'Priya', 'S', 'Sharma', 8576543210, '1993-06-20', 'F', 1.60, 55, 'B+', '78 Cedar Avenue', 'India',
'Rahul Sharma', 8575432109, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass117'))), 'Passw17'),

(118, 'Rahul', 'K', 'Verma', 8575432109, '1985-02-25', 'M', 1.80, 85, 'O+', '90 Oak Lane', 'India',
'Sonia Verma', 8574321098, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass118'))), 'Passw18'),

(119, 'Asha', 'R', 'Reddy', 8574321098, '1998-09-10', 'F', 1.65, 60, 'AB-', '123 Pine Street', 'India',
'Kiran Reddy', 8573210987, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass119'))), 'Passw19'),

(120, 'Nikhil', 'A', 'Agarwal', 8573210987, '1982-04-05', 'M', 1.70, 75, 'B-', '234 Birch Avenue', 'India',
'Pooja Agarwal', 8579876543, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass120'))), 'Passw20'),

(121, 'Meera', 'P', 'Patil', 8579876543, '1995-01-30', 'F', 1.68, 68, 'O+', '345 Maple Street', 'India',
'Sunil Patil', 8578765432, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass121'))), 'Passw21'),

(122, 'Vikram', 'S', 'Saxena', 8578765432, '1987-07-15', 'M', 1.75, 70, 'A+', '456 Cedar Avenue', 'India',
'Deepika Saxena', 8577654321, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass122'))), 'Passw22'),

(123, 'Pooja', 'R', 'Rajput', 8577654321, '2000-12-02', 'F', 1.60, 55, 'B+', '567 Elm Street', 'India',
'Rajeev Rajput', 8576543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass123'))), 'Passw23'),

(124, 'Anil', 'K', 'Khanna', 8576543210, '1984-08-18', 'M', 1.78, 78, 'AB-', '678 Birch Avenue', 'India',
'Suman Khanna', 8575432109, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass124'))), 'Passw24'),

(125, 'Neha', 'B', 'Bhat', 8575432109, '1997-03-25', 'F', 1.65, 60, 'O+', '789 Oak Lane', 'India',
'Ravi Bhat', 8574321098, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass125'))), 'Passw25'),

(126, 'Raj', 'A', 'Ahmed', 8574321098, '1980-10-10', 'M', 1.70, 75, 'A-', '890 Pine Street', 'India',
'Ayesha Ahmed', 8573210987, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass126'))), 'Passw26');

```

INSERT INTO Patient (PatientID, Patient_FirstName, Patient_MiddleName, Patient_LastName,
Patient_Phone_Num,
Patient_Date_of_Birth, Sex, Height, Weight, Blood_Group, Address, Country,
Next_of_Kin_Name, Emergency_Phone_Number, Patient_Password, PatientPass)
VALUES
(127, 'Alex', 'J', 'Johnson', 8576543210, '1992-05-22', 'M', 1.75, 80, 'A+', '123 Oak Street', 'USA',
'Emily Johnson', 8575432109, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass127')), 'Passw27'),

(128, 'Sophia', 'M', 'Miller', 8575432109, '1995-12-10', 'F', 1.68, 68, 'O-', '456 Maple Avenue', 'USA',
'William Miller', 8574321098, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass128')), 'Passw28'),

(129, 'Aiden', 'R', 'Rodriguez', 8574321098, '1987-08-25', 'M', 1.80, 85, 'B+', '789 Cedar Lane', 'USA',
'Olivia Rodriguez', 8573210987, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass129')), 'Passw29'),

(130, 'Mia', 'A', 'Anderson', 8573210987, '1998-02-10', 'F', 1.65, 55, 'AB+', '101 Pine Avenue', 'USA',
'Daniel Anderson', 8579876543, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass130')), 'Passw30'),

(131, 'Ethan', 'K', 'Kumar', 8579876543, '1982-09-15', 'M', 1.70, 75, 'B-', '202 Elm Street', 'India',
'Riya Kumar', 8578765432, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass131')), 'Passw31'),

(132, 'Zoe', 'A', 'Agarwal', 8578765432, '1995-02-28', 'F', 1.68, 60, 'O+', '303 Oak Avenue', 'India',
'Aarav Agarwal', 8577654321, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
'Pass132')), 'Passw32'),

(133, 'Owen', 'L', 'Li', 8577654321, '1987-07-05', 'M', 1.75, 70, 'A+', '404 Pine Street', 'China',

```

'Sophie Li', 8576543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Pass133')), 'Passw33'),

(134, 'Lily', 'Y', 'Yang', 8576543210, '2000-12-02', 'F', 1.60, 55, 'B+', '505 Cedar Lane', 'China',
'William Yang', 8575432109, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Pass134')), 'Passw34'),

(135, 'Elijah', 'C', 'Chen', 8575432109, '1984-08-18', 'M', 1.78, 78, 'AB-', '606 Maple Avenue', 'China',
'Sophia Chen', 8574321098, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Pass135')), 'Passw35'),

(136, 'Aria', 'L', 'Lee', 8574321098, '1997-03-25', 'F', 1.65, 60, 'O+', '707 Pine Street', 'USA',
'Matthew Lee', 8573210987, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Pass136')), 'Passw36'),

(137, 'Oliver', 'W', 'Wang', 8573210987, '1980-10-10', 'M', 1.70, 75, 'A-', '808 Cedar Avenue', 'China',
'Emma Wang', 8579876543, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Pass137')), 'Passw37'),

(138, 'Amelia', 'D', 'Das', 8579876543, '1992-05-22', 'F', 1.75, 80, 'A+', '909 Oak Lane', 'India',
'Arjun Das', 8578765432, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Pass138')), 'Passw38'),

(139, 'Lucas', 'R', 'Rao', 8578765432, '1995-12-10', 'M', 1.68, 68, 'O-', '101 Pine Avenue', 'India',
'Sophie Rao', 8577654321, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Pass139')), 'Passw39'),

(140, 'Eva', 'J', 'Jin', 8577654321, '1987-08-25', 'F', 1.80, 85, 'B+', '202 Elm Street', 'China',
'David Jin', 8576543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Pass140')), 'Passw40');

```

INSERT INTO Patient (PatientID, Patient_FirstName, Patient_MiddleName, Patient_LastName,
Patient_Phone_Num,
    Patient_Date_of_Birth, Sex, Height, Weight, Blood_Group, Address, Country,
    Next_of_Kin_Name, Emergency_Phone_Number, Patient_Password, PatientPass)
VALUES
    (141, 'Ivan', 'N', 'Nikolayev', 8571234567, '1990-04-15', 'M', 1.75, 75, 'A-', '5 Red Square', 'Russia',
    'Maria Nikolayeva', 8579876543, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
    'Pass141')), 'Passw41'),

    (142, 'Anastasia', 'S', 'Sokolova', 8579876543, '1993-11-29', 'F', 1.68, 65, 'O+', '8 Pushkin Street',
    'Russia',
    'Alexei Sokolov', 8578765432, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
    'Pass142')), 'Passw42'),

    (143, 'Dmitri', 'I', 'Ivanov', 8578765432, '1985-06-03', 'M', 1.80, 80, 'B+', '12 Gorky Lane', 'Russia',
    'Svetlana Ivanova', 8577654321, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
    'Pass143')), 'Passw43'),

    (144, 'Ekaterina', 'V', 'Volkova', 8577654321, '2001-11-29', 'F', 1.60, 55, 'AB-', '15 Moscow Avenue',
    'Russia',
    'Igor Volkov', 8576543210, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
    'Pass144')), 'Passw44'),

    (145, 'Sergei', 'K', 'Kuznetsov', 8576543210, '1993-03-12', 'M', 1.70, 70, 'A+', '20 Kremlin Lane', 'Russia',
    'Natalia Kuznetsova', 8575432109, EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY,
    'Pass145')), 'Passw45');

SELECT * FROM Patient;

```

--- Updated rows ----

```
update Patient
set Emergency_Phone_Number = '8575769067'
where PatientID = 101;
```

```
UPDATE Patient
SET Patient_Password = EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Passw2'))
where PatientID=102;
```

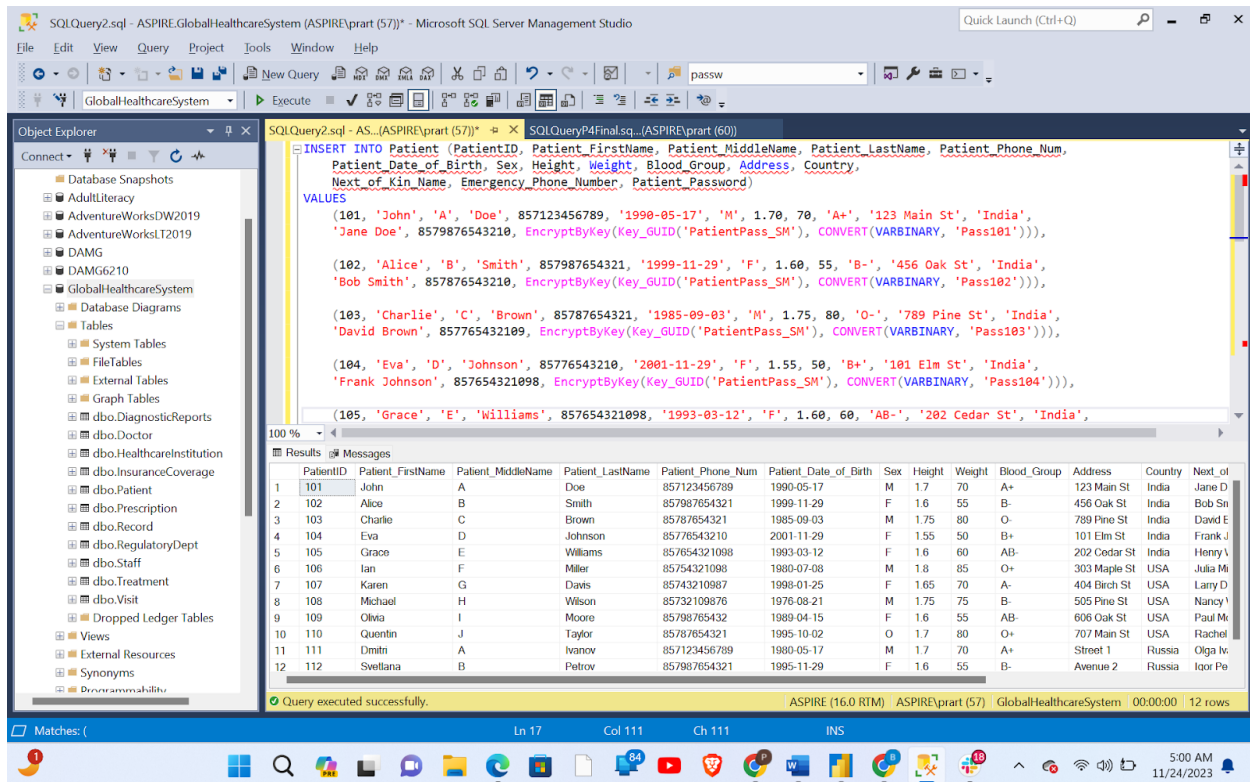
```
UPDATE Patient
SET PatientPass = 'Passw1'
where PatientID=101;
```

```
update Patient
set Emergency_Phone_Number = '9898172546'
where PatientID = 112;
```

```
OPEN SYMMETRIC KEY PatientPass_SM
DECRYPTION BY CERTIFICATE PatientPass;
```

```
UPDATE Patient
SET Patient_Password = EncryptByKey(Key_GUID('PatientPass_SM'), CONVERT(VARBINARY, 'Passw12'))
where PatientID=112;
```

```
UPDATE Patient
SET PatientPass = 'Passw12'
where PatientID=112;
```

---- Insert details into HealthcareInstitution ----

INSERT INTO HealthcareInstitution (InstitutionID, Institution_Name, Location)

VALUES

(1, 'City General Hospital', '123 Main St'),

(2, 'Suburb Medical Center', '456 Elm St'),

(3, 'Rural Clinic', '789 Oak St'),

(4, 'Metro Health Center', '101 Pine St'),

(5, 'Coastal Medical Clinic', '202 Cedar St'),

(6, 'Hilltop Wellness Center', '303 Maple St'),

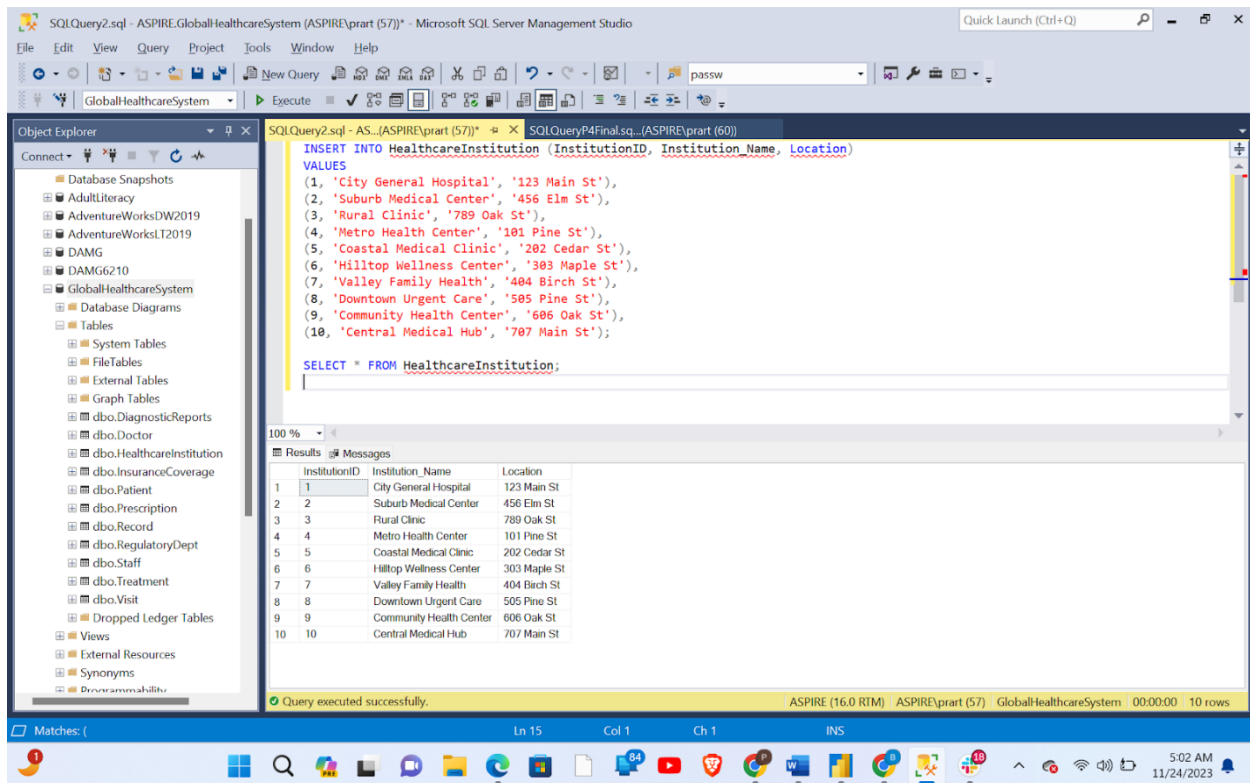
(7, 'Valley Family Health', '404 Birch St'),

(8, 'Downtown Urgent Care', '505 Pine St'),

(9, 'Community Health Center', '606 Oak St'),

(10, 'Central Medical Hub', '707 Main St');

SELECT * FROM HealthcareInstitution;



---- Insert details into Doctor ----

INSERT INTO Doctor(DoctorID, InstitutionID, Doctor_FirstName, Doctor_MiddleName, Doctor_LastName, Specialization, OnCallNumber)

VALUES

(201, 1, 'Anna', 'L', 'Kuznetsova', 'Cardiologist', '8571122334'),
(202, 2, 'Vladimir', 'P', 'Ivanov', 'Orthopedic Surgeon', '8572244668'),
(203, 3, 'Natalia', 'A', 'Petrova', 'Dermatologist', '8573366991'),
(204, 4, 'Ivan', 'M', 'Sokolov', 'Neurologist', '8574488225'),
(205, 5, 'Elena', 'S', 'Popova', 'Pediatrician', '8575611559'),
(206, 6, 'Sergei', 'N', 'Volkov', 'Ophthalmologist', '8576734892'),
(207, 7, 'Maria', 'D', 'Kovalenko', 'ENT Specialist', '8577857226'),
(208, 8, 'Dmitri', 'I', 'Smirnov', 'Gastroenterologist', '8578979560'),

(209, 9, 'Tatiana', 'V', 'Egorova', 'Endocrinologist', '8579001111'),
(210, 10, 'Alexei', 'E', 'Sidorov', 'Psychiatrist', '8570123456'),
(211, 1, 'Irina', 'P', 'Nikitina', 'Cardiologist', '8571122334'),
(212, 3, 'Pavel', 'S', 'Kozlov', 'Orthopedic Surgeon', '8572244668'),
(213, 5, 'Oksana', 'V', 'Kuznetsova', 'Dermatologist', '8573366991'),
(214, 7, 'Yuri', 'A', 'Ivanov', 'Neurologist', '8574488225'),
(215, 9, 'Yulia', 'M', 'Sokolova', 'Pediatrician', '8575611559'),
(216, 2, 'Nikolai', 'N', 'Popov', 'Ophthalmologist', '8576734892'),
(217, 4, 'Ekaterina', 'D', 'Kozlova', 'ENT Specialist', '8577857226'),
(218, 6, 'Artem', 'I', 'Smirnov', 'Gastroenterologist', '8578979560'),
(219, 8, 'Larisa', 'V', 'Egorova', 'Endocrinologist', '8579001111'),
(220, 10, 'Andrei', 'E', 'Sidorov', 'Psychiatrist', '8570123456');

--- Added new column ---

ALTER TABLE Doctor

ADD DoctorPass VARCHAR(50);

--- Updated DoctorPass---

update Doctor

set DoctorPass='Doc1'

where DoctorID=201

update Doctor

set DoctorPass='Doc2'

where DoctorID=202

update Doctor

```
set DoctorPass='Doc3'  
where DoctorID=203;
```

```
update Doctor  
set DoctorPass='Doc4'  
where DoctorID=204;
```

```
update Doctor  
set DoctorPass='Doc5'  
where DoctorID=205;
```

```
update Doctor  
set DoctorPass='Doc6'  
where DoctorID=206;
```

```
update Doctor  
set DoctorPass='Doc7'  
where DoctorID=207;
```

```
update Doctor  
set DoctorPass='Doc8'  
where DoctorID=208;
```

```
update Doctor  
set DoctorPass='Doc9'  
where DoctorID=209;
```

```
update Doctor  
set DoctorPass='Doc10'
```

where DoctorID=210;

UPDATE Doctor

SET DoctorPass = 'Doc11'

WHERE DoctorID = 211;

UPDATE Doctor

SET DoctorPass = 'Doc12'

WHERE DoctorID = 212;

UPDATE Doctor

SET DoctorPass = 'Doc13'

WHERE DoctorID = 213;

UPDATE Doctor

SET DoctorPass = 'Doc14'

WHERE DoctorID = 214;

UPDATE Doctor

SET DoctorPass = 'Doc15'

WHERE DoctorID = 215;

UPDATE Doctor

SET DoctorPass = 'Doc16'

WHERE DoctorID = 216;

UPDATE Doctor

SET DoctorPass = 'Doc17'

WHERE DoctorID = 217;

UPDATE Doctor

SET DoctorPass = 'Doc18'

WHERE DoctorID = 218;

UPDATE Doctor

SET DoctorPass = 'Doc19'

WHERE DoctorID = 219;

UPDATE Doctor

SET DoctorPass = 'Doc20'

WHERE DoctorID = 220;

SELECT * from Doctor

The screenshot shows a SQL query editor with a query window and a results window. The query window displays the SQL statement: `SELECT * FROM Doctor`. The results window shows a table with 18 rows of data, representing the contents of the Doctor table. The table has columns for DoctorID, InstitutionID, Doctor_FirstName, Doctor_MiddleName, Doctor_LastName, Specialization, OnCallNumber, and DoctorPass. The data is as follows:

DoctorID	InstitutionID	Doctor_FirstName	Doctor_MiddleName	Doctor_LastName	Specialization	OnCallNumber	DoctorPass
1	201	Anna	L	Kuznetsova	Cardiologist	8571122334	Doc1
2	202	Vladimir	P	Ivanov	Orthopedic Surgeon	8572244668	Doc2
3	203	Natalia	A	Petrova	Dermatologist	8573366991	Doc3
4	204	Ivan	M	Sokolov	Neurologist	8574488225	Doc4
5	205	Elena	S	Popova	Pediatrician	8575611559	Doc5
6	206	Sergei	N	Volkov	Ophthalmologist	8576734892	Doc6
7	207	Maria	D	Kovalenko	ENT Specialist	8577857226	Doc7
8	208	Dmitri	I	Smirnov	Gastroenterologist	8578979560	Doc8
9	209	Tatiana	V	Egorova	Endocrinologist	8579001111	Doc9
10	210	Alexei	E	Sidorov	Psychiatrist	8570123456	Doc10
11	211	Irina	P	Nikitina	Cardiologist	8571122334	Doc11
12	212	Pavel	S	Kozlov	Orthopedic Surgeon	8572244668	Doc12
13	213	Oksana	V	Kuznetsova	Dermatologist	8573366991	Doc13
14	214	Yuri	A	Ivanov	Neurologist	8574488225	Doc14
15	215	Yulia	M	Sokolova	Pediatrician	8575611559	Doc15
16	216	Nikolai	N	Popov	Ophthalmologist	8576734892	Doc16
17	217	Ekaterina	D	Kozlova	ENT Specialist	8577857226	Doc17
18	218	Artem	I	Smirnov	Gastroenterologist	8578979560	Doc18

---- Insert details into RegulatoryDept ----

```
INSERT INTO RegulatoryDept (Regulatory_Dept_ID, Authorizer_Name)
```

```
VALUES
```

```
(1001, 'Ashley Brown'),
```

```
(1002, 'Jason Nash'),
```

```
(1003, 'Joshua Mathews'),
```

```
(1004, 'Joey Tribbiani'),
```

```
(1005, 'Rachel Green');
```

---- Added new column ----

```
ALTER TABLE RegulatoryDept
```

```
ADD DeptPass varchar(500);
```

---- Updated details ----

```
update RegulatoryDept
```

```
set DeptPass='Dept1'
```

```
where Regulatory_Dept_ID=1001;
```

```
update RegulatoryDept
```

```
set DeptPass='Dept2'
```

```
where Regulatory_Dept_ID=1002;
```

```
update RegulatoryDept
```

```
set DeptPass='Dept3'
```

```
where Regulatory_Dept_ID=1003;
```

```
update RegulatoryDept
```

```
set DeptPass='Dept4'
```

```
where Regulatory_Dept_ID=1004;
```

```
update RegulatoryDept
```

```
set DeptPass='Dept5'
```

```
where Regulatory_Dept_ID=1005;
```

update RegulatoryDept

set DeptPass='Dept6'

where Regulatory_Dept_ID=1006;

insert into RegulatoryDept(Regulatory_Dept_ID, Authorizer_Name, DeptPass)

values(1007, 'John Nathan', 'Dept7')

insert into RegulatoryDept(Regulatory_Dept_ID, Authorizer_Name, DeptPass)

values(1008, 'Viola Dsouza', 'Dept8')

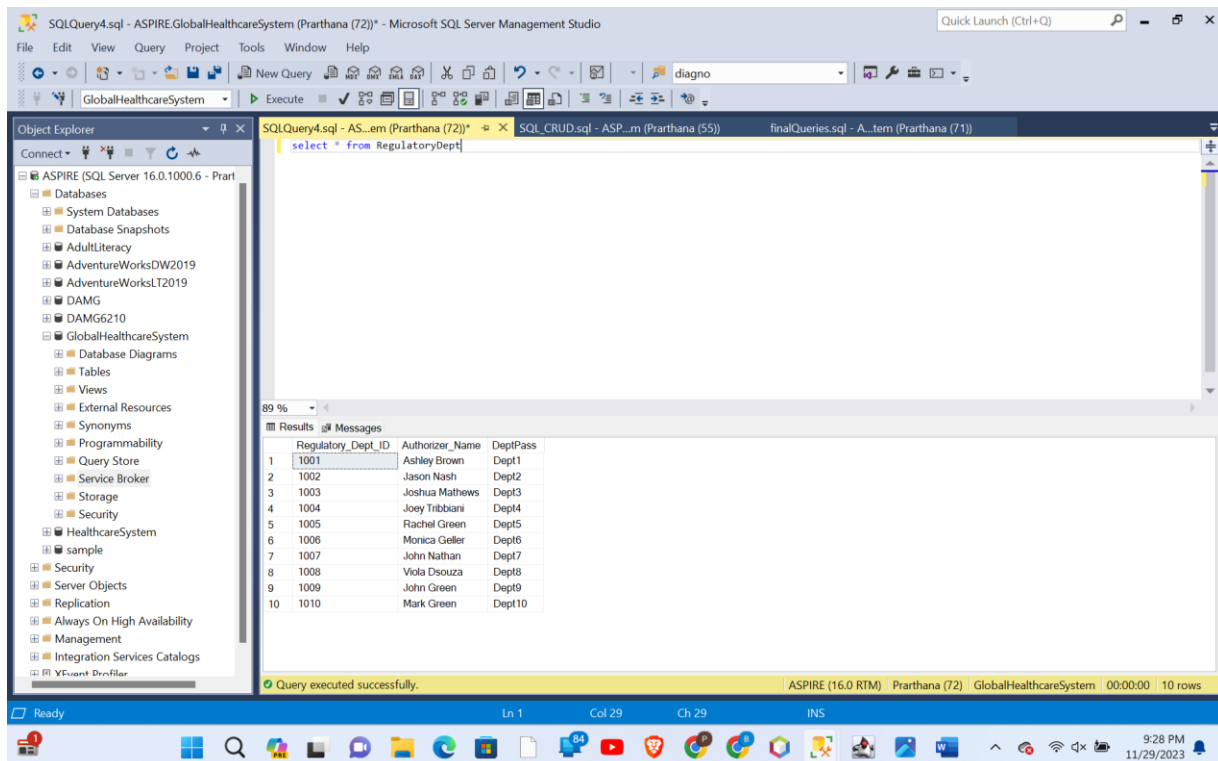
insert into RegulatoryDept(Regulatory_Dept_ID, Authorizer_Name, DeptPass)

values(1009, 'John Green', 'Dept9')

insert into RegulatoryDept(Regulatory_Dept_ID, Authorizer_Name, DeptPass)

values(1010, 'Mark Green', 'Dept10')

select * from RegulatoryDept;



The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL code:

```
select * from RegulatoryDept;
```

The Results pane displays the following data:

Regulatory_Dept_ID	Authorizer_Name	DeptPass
1001	Ashley Brown	Dept1
1002	Jason Nash	Dept2
1003	Joshua Mathews	Dept3
1004	Joey Tribbiani	Dept4
1005	Rachel Green	Dept5
1006	Monica Geller	Dept6
1007	John Nathan	Dept7
1008	Viola Dsouza	Dept8
1009	John Green	Dept9
1010	Mark Green	Dept10

The status bar at the bottom indicates: "Query executed successfully. ASPIRE (16.0 RTM) Prarthana (72) GlobalHealthcareSystem 00:00:00 10 rows".

---- Insert details into Staff ----

```
INSERT INTO Staff (InstitutionStaffID, InstitutionID, ContactNumber, ContactEmail, Department, Address)
```

```
VALUES
```

```
(901, 1, '8571111111', 'staff1@gmail.com', 'Administration', '123 Main St'),  
(902, 2, '8572222222', 'staff2@gmail.com', 'Nursing', '456 Oak St'),  
(903, 3, '8573333333', 'staff3@gmail.com', 'Lab', '789 Pine St'),  
(904, 4, '8574444444', 'staff4@gmail.com', 'IT', '101 Elm St'),  
(905, 5, '8575555555', 'staff5@gmail.com', 'Human Resources', '202 Cedar St'),  
(906, 6, '8576666666', 'staff6@gmail.com', 'Lab', '303 Maple St'),  
(907, 7, '8577777777', 'staff7@gmail.com', 'Patient Services', '404 Birch St'),  
(908, 8, '8578888888', 'staff8@gmail.com', 'Medical Records', '505 Pine St'),  
(909, 9, '8579999999', 'staff9@gmail.com', 'Lab', '606 Oak St'),  
(910, 10, '8571010101', 'staff10@gmail.com', 'Security', '707 Main St'),  
(911, 1, '8571111101', 'staff11@gmail.com', 'Administration', '124 Main St'),  
(912, 2, '8572222202', 'staff12@gmail.com', 'Nursing', '457 Oak St'),  
(913, 3, '8573333303', 'staff13@gmail.com', 'Lab', '790 Pine St'),  
(914, 4, '8574444404', 'staff14@gmail.com', 'IT', '102 Elm St'),  
(915, 5, '8575555505', 'staff15@gmail.com', 'Human Resources', '203 Cedar St');
```

--- Added new Column ---

```
Alter TABLE Staff
```

```
ADD StaffPass VARCHAR(50)
```

--- Updated StaffPass ---

```
update Staff
```

```
set StaffPass='Staff1'
```

where InstitutionStaffID = 901

update Staff

set StaffPass='Staff2'

where InstitutionStaffID = 902

UPDATE Staff

SET StaffPass = 'Staff3'

WHERE InstitutionStaffID = 903;

UPDATE Staff

SET StaffPass = 'Staff4'

WHERE InstitutionStaffID = 904;

UPDATE Staff

SET StaffPass = 'Staff5'

WHERE InstitutionStaffID = 905;

UPDATE Staff

SET StaffPass = 'Staff6'

WHERE InstitutionStaffID = 906;

UPDATE Staff

SET StaffPass = 'Staff7'

WHERE InstitutionStaffID = 907;

UPDATE Staff

SET StaffPass = 'Staff8'

WHERE InstitutionStaffID = 908;

```
UPDATE Staff
SET StaffPass = 'Staff9'
WHERE InstitutionStaffID = 909;
```

```
UPDATE Staff
SET StaffPass = 'Staff10'
WHERE InstitutionStaffID = 910;
```

```
UPDATE Staff
SET StaffPass = 'Staff11'
WHERE InstitutionStaffID = 911;
```

```
UPDATE Staff
SET StaffPass = 'Staff12'
WHERE InstitutionStaffID = 912;
```

```
UPDATE Staff
SET StaffPass = 'Staff13'
WHERE InstitutionStaffID = 913;
```

```
UPDATE Staff
SET StaffPass = 'Staff14'
WHERE InstitutionStaffID = 914;
```

```
UPDATE Staff
SET StaffPass = 'Staff15'
WHERE InstitutionStaffID = 915;
```

SELECT * FROM Staff;

The screenshot shows a SQL IDE interface with a query editor at the top containing the text `SELECT * FROM Staff;`. Below the editor, the 'Results' tab is active, displaying a table with 15 rows of staff data. The table has columns: InstitutionStaffID, InstitutionID, ContactNumber, ContactEmail, Department, Address, and StaffPass. The data is as follows:

InstitutionStaffID	InstitutionID	ContactNumber	ContactEmail	Department	Address	StaffPass
1	901	8571111111	staff1@gmail.com	Administration	123 Main St	Staff1
2	902	8572222222	staff2@gmail.com	Nursing	456 Oak St	Staff2
3	903	8573333333	staff3@gmail.com	Lab	789 Pine St	Staff3
4	904	8574444444	staff4@gmail.com	IT	101 Elm St	Staff4
5	905	8575555555	staff5@gmail.com	Human Resources	202 Cedar St	Staff5
6	906	8576666666	staff6@gmail.com	Lab	303 Maple St	Staff6
7	907	8577777777	staff7@gmail.com	Patient Services	404 Birch St	Staff7
8	908	8578888888	staff8@gmail.com	Medical Records	505 Pine St	Staff8
9	909	8579999999	staff9@gmail.com	Lab	606 Oak St	Staff9
10	910	8571010101	staff10@gmail.com	Security	707 Main St	Staff10
11	911	8571111101	staff11@gmail.com	Administration	124 Main St	Staff11
12	912	8572222202	staff12@gmail.com	Nursing	457 Oak St	Staff12
13	913	8573333303	staff13@gmail.com	Lab	790 Pine St	Staff13
14	914	8574444404	staff14@gmail.com	IT	102 Elm St	Staff14
15	915	8575555505	staff15@gmail.com	Human Resources	203 Cedar St	Staff15

---- Insert details into InsuranceCoverage ----

INSERT INTO InsuranceCoverage (Insurance_Registration_ID, PatientID, Coverage, Expiration_Date)

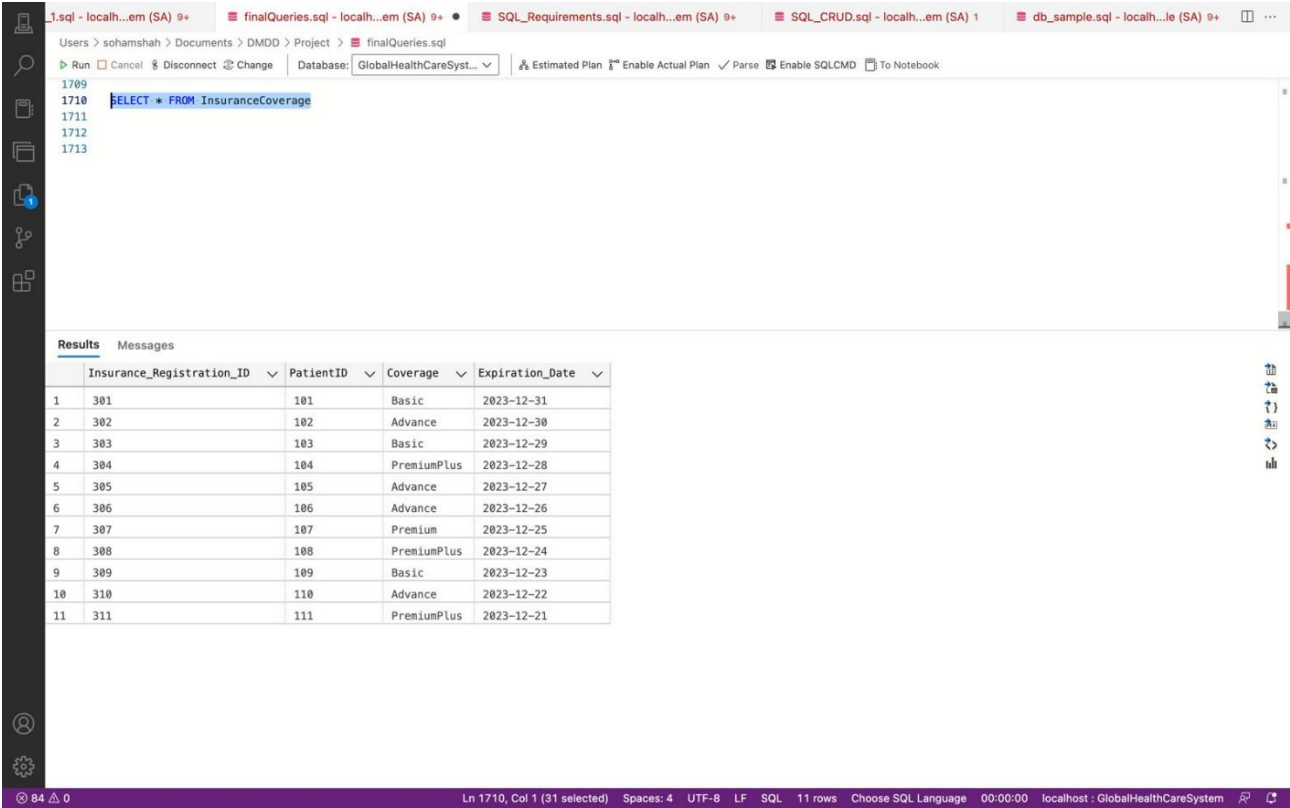
VALUES

(301, 101, 'Basic', '2023-12-31'),
(302, 102, 'Advance', '2023-12-30'),
(303, 103, 'Basic', '2023-12-29'),
(304, 104, 'PremiumPlus', '2023-12-28'),
(305, 105, 'Advance', '2023-12-27'),
(306, 106, 'Advance', '2023-12-26'),
(307, 107, 'Premium', '2023-12-25'),
(308, 108, 'PremiumPlus', '2023-12-24'),
(309, 109, 'Basic', '2023-12-23'),

```
(310, 110, 'Advance', '2023-12-22'),

(311, 111, 'PremiumPlus', '2023-12-21');
```

```
SELECT * FROM InsuranceCoverage;
```



---- Insert details into Visit ----

```
INSERT INTO Visit (VisitID, DoctorID, PatientID, InstitutionID, Visit_Date, Visit_Time)
```

```
VALUES
```

```
(401, 201, 101, 1, '2022-12-01', '08:00:00'),
(402, 202, 102, 2, '2022-12-02', '09:15:00'),
(403, 203, 103, 3, '2022-12-03', '10:30:00'),
(404, 204, 104, 4, '2022-12-04', '11:45:00'),
(405, 205, 105, 5, '2022-12-05', '13:00:00'),
(406, 206, 106, 6, '2022-12-06', '14:15:00'),
(407, 207, 107, 7, '2022-12-07', '15:30:00'),
```

```
(408, 208, 108, 8, '2022-12-08', '16:45:00'),  
(409, 209, 109, 9, '2022-12-09', '18:00:00'),  
(410, 210, 110, 10, '2022-12-10', '19:15:00'),  
(411, 211, 111, 1, '2022-12-11', '20:30:00'),  
(412, 212, 112, 2, '2022-12-12', '21:45:00'),  
(413, 213, 101, 3, '2022-12-13', '23:00:00'),  
(414, 214, 102, 4, '2022-12-14', '00:15:00'),  
(415, 215, 103, 5, '2022-12-15', '01:30:00');
```

```
INSERT INTO Visit (VisitID, DoctorID, PatientID, InstitutionID, Visit_Date, Visit_Time)
```

```
VALUES
```

```
(416, 201, 101, 1, '2022-12-16', '02:30:42'),  
(417, 202, 101, 2, '2022-12-17', '10:36:53'),  
(418, 203, 102, 3, '2022-12-19', '06:53:32'),  
(419, 201, 103, 1, '2023-01-09', '02:30:42'),  
(420, 202, 101, 2, '2023-01-16', '11:32:13'),  
(421, 201, 101, 4, '2023-01-21', '15:30:12'),  
(422, 202, 104, 9, '2023-01-31', '17:32:41'),  
(423, 207, 106, 4, '2023-02-02', '15:30:13'),  
(424, 203, 101, 7, '2023-02-10', '17:30:12'),  
(425, 207, 102, 6, '2023-02-21', '09:30:42');
```

```
SELECT * FROM VISIT
```

VisitID	DoctorID	PatientID	InstitutionID	Visit_Date	Visit_Time
1	481	281	101	2022-12-01	08:00:00
2	482	282	102	2022-12-02	09:15:00
3	483	283	103	2022-12-03	10:30:00
4	484	284	104	2022-12-04	11:45:00
5	485	285	105	2022-12-05	13:00:00
6	486	286	106	2022-12-06	14:15:00
7	487	287	107	2022-12-07	15:30:00
8	488	288	108	2022-12-08	16:45:00
9	489	289	109	2022-12-09	18:00:00
10	410	210	110	2022-12-10	19:15:00
11	411	211	111	2022-12-11	20:30:00
12	412	212	112	2022-12-12	21:45:00
13	413	213	101	2022-12-13	23:00:00
14	414	214	102	2022-12-14	00:15:00
15	415	215	103	2022-12-15	01:30:00
16	416	281	101	2022-12-16	02:30:42
17	417	282	101	2022-12-17	10:36:53
18	418	283	102	2022-12-19	06:53:32
19	419	281	103	2023-01-09	02:30:42
20	420	282	101	2023-01-16	11:32:13
21	421	281	101	2023-01-21	15:30:12
22	422	282	104	2023-01-31	17:32:41
23	423	287	106	2023-02-02	15:30:13
24	424	283	101	2023-02-10	17:30:12
25	425	287	102	2023-02-21	09:30:42

---- Insert details into Treatment ----

INSERT INTO Treatment (TreatmentID, PatientID, InstitutionID, DoctorID, Cost, Description, Date, Diagnosed_Illness)

VALUES

(501, 101, 1, 201, 500.0, 'COVID-19 Diagnostic Check-up', '2023-05-20', 'COVID19'),
 (502, 102, 2, 202, 400.0, 'BP Diagnostic Check-up', '2023-06-21', 'BP'),
 (503, 103, 3, 203, 700.0, 'COVID-19 Diagnostic Check-up', '2023-03-22', 'COVID19'),
 (504, 104, 4, 204, 800.0, 'BP Diagnostic Check-up', '2022-11-23', 'BP'),
 (505, 105, 5, 205, 200.0, 'Diabetes Diagnostic Check-up', '2023-03-24', 'Diabetes'),
 (506, 106, 6, 206, 900.0, 'COVID-19 Diagnostic Check-up', '2023-06-25', 'COVID19'),
 (507, 107, 7, 207, 400.0, 'Diabetes Diagnostic Check-up', '2023-07-26', 'Diabetes'),
 (508, 108, 8, 208, 400.0, 'Diabetes Diagnostic Check-up', '2023-08-27', 'Diabetes'),
 (509, 109, 9, 209, 900.0, 'COVID-19 Diagnostic Check-up', '2022-12-28', 'COVID19'),
 (510, 110, 10, 210, 800.0, 'BP Diagnostic Check-up', '2023-01-29', 'BP'),

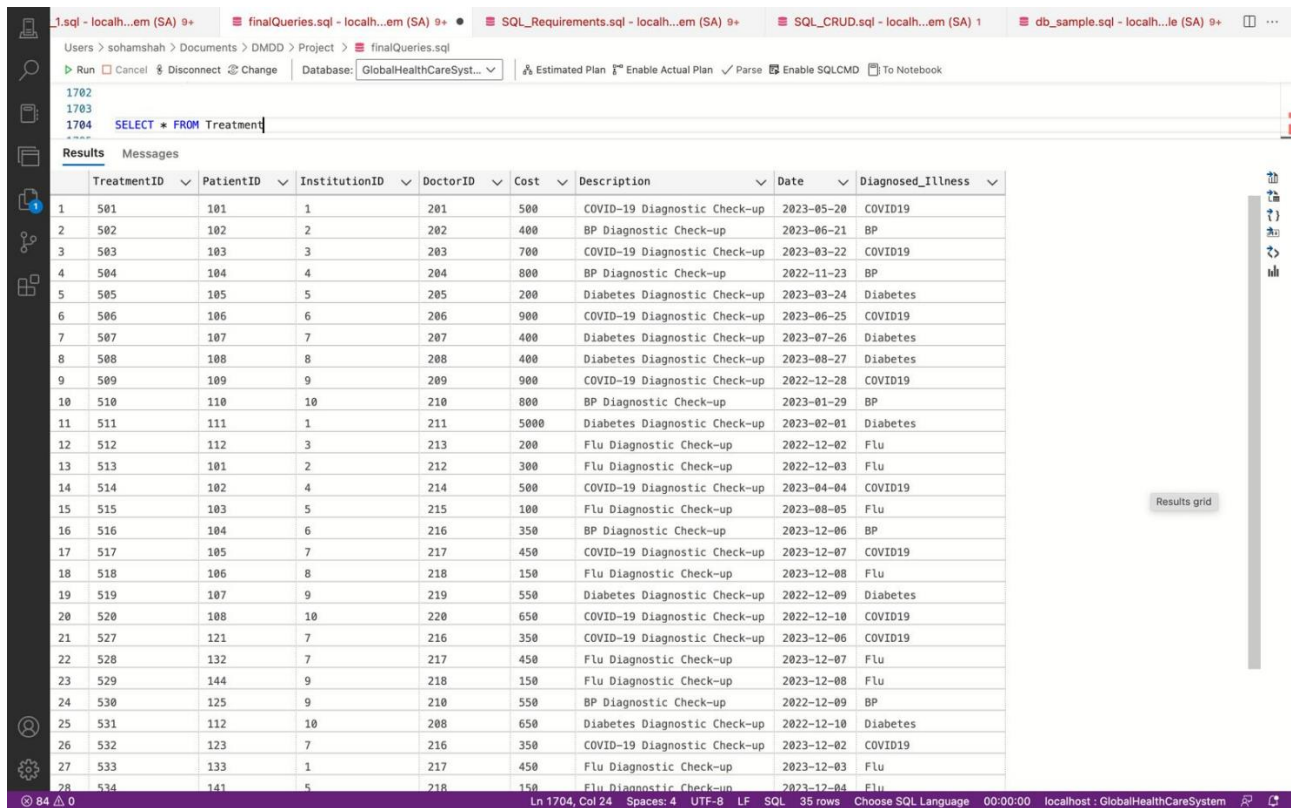
(511, 111, 1, 211, 5000.0, 'Diabetes Diagnostic Check-up', '2023-02-01', 'Diabetes'),
(512, 112, 3, 213, 200.0, 'Flu Diagnostic Check-up', '2022-12-02', 'Flu'),
(513, 101, 2, 212, 300.0, 'Flu Diagnostic Check-up', '2022-12-03', 'Flu'),
(514, 102, 4, 214, 500.0, 'COVID-19 Diagnostic Check-up', '2023-04-04', 'COVID19'),
(515, 103, 5, 215, 100.0, 'Flu Diagnostic Check-up', '2023-08-05', 'Flu'),
(516, 104, 6, 216, 350.0, 'BP Diagnostic Check-up', '2023-12-06', 'BP'),
(517, 105, 7, 217, 450.0, 'COVID-19 Diagnostic Check-up', '2023-12-07', 'COVID19'),
(518, 106, 8, 218, 150.0, 'Flu Diagnostic Check-up', '2023-12-08', 'Flu'),
(519, 107, 9, 219, 550.0, 'Diabetes Diagnostic Check-up', '2022-12-09', 'Diabetes'),
(520, 108, 10, 220, 650.0, 'COVID-19 Diagnostic Check-up', '2022-12-10', 'COVID19');

INSERT INTO Treatment (TreatmentID, PatientID, InstitutionID, DoctorID, Cost, Description, Date,
Diagnosed_Illness)

VALUES

(527, 121, 7, 216, 350.0, 'COVID-19 Diagnostic Check-up', '2023-12-06', 'COVID19'),
(528, 132, 7, 217, 450.0, 'Flu Diagnostic Check-up', '2023-12-07', 'Flu'),
(529, 144, 9, 218, 150.0, 'Flu Diagnostic Check-up', '2023-12-08', 'Flu'),
(530, 125, 9, 210, 550.0, 'BP Diagnostic Check-up', '2022-12-09', 'BP'),
(531, 112, 10, 208, 650.0, 'Diabetes Diagnostic Check-up', '2022-12-10', 'Diabetes'),
(532, 123, 7, 216, 350.0, 'COVID-19 Diagnostic Check-up', '2023-12-02', 'COVID19'),
(533, 133, 1, 217, 450.0, 'Flu Diagnostic Check-up', '2023-12-03', 'Flu'),
(534, 141, 5, 218, 150.0, 'Flu Diagnostic Check-up', '2023-12-04', 'Flu'),
(535, 123, 9, 210, 550.0, 'BP Diagnostic Check-up', '2022-12-09', 'BP'),
(536, 116, 10, 208, 650.0, 'Diabetes Diagnostic Check-up', '2022-12-10', 'Diabetes'),
(537, 129, 6, 216, 350.0, 'COVID-19 Diagnostic Check-up', '2023-12-08', 'COVID19'),
(538, 135, 5, 217, 450.0, 'Flu Diagnostic Check-up', '2023-12-09', 'Flu'),
(539, 122, 8, 218, 150.0, 'Flu Diagnostic Check-up', '2023-12-13', 'Flu'),
(540, 130, 9, 210, 550.0, 'BP Diagnostic Check-up', '2022-12-16', 'BP'),
(541, 140, 2, 208, 650.0, 'Diabetes Diagnostic Check-up', '2022-12-19', 'Diabetes');

SELECT * FROM Treatment;



The screenshot shows a SQL IDE interface with a query editor at the top containing the text "SELECT * FROM Treatment;". Below the editor, a "Results" tab is active, displaying a grid of 35 rows and 9 columns. The columns are labeled: TreatmentID, PatientID, InstitutionID, DoctorID, Cost, Description, Date, and Diagnosed_Illness. The data represents various medical check-ups, including COVID-19, BP, Diabetes, and Flu diagnostics, with associated costs and dates. A status bar at the bottom indicates the current position in the query (Ln 1704, Col 24) and the number of rows returned (35 rows).

	TreatmentID	PatientID	InstitutionID	DoctorID	Cost	Description	Date	Diagnosed_Illness
1	501	101	1	201	500	COVID-19 Diagnostic Check-up	2023-05-20	COVID19
2	502	102	2	202	400	BP Diagnostic Check-up	2023-06-21	BP
3	503	103	3	203	700	COVID-19 Diagnostic Check-up	2023-03-22	COVID19
4	504	104	4	204	800	BP Diagnostic Check-up	2022-11-23	BP
5	505	105	5	205	200	Diabetes Diagnostic Check-up	2023-03-24	Diabetes
6	506	106	6	206	900	COVID-19 Diagnostic Check-up	2023-06-25	COVID19
7	507	107	7	207	400	Diabetes Diagnostic Check-up	2023-07-26	Diabetes
8	508	108	8	208	400	Diabetes Diagnostic Check-up	2023-08-27	Diabetes
9	509	109	9	209	900	COVID-19 Diagnostic Check-up	2022-12-28	COVID19
10	510	110	10	210	800	BP Diagnostic Check-up	2023-01-29	BP
11	511	111	1	211	5000	Diabetes Diagnostic Check-up	2023-02-01	Diabetes
12	512	112	3	213	200	Flu Diagnostic Check-up	2022-12-02	Flu
13	513	101	2	212	300	Flu Diagnostic Check-up	2022-12-03	Flu
14	514	102	4	214	500	COVID-19 Diagnostic Check-up	2023-04-04	COVID19
15	515	103	5	215	100	Flu Diagnostic Check-up	2023-08-05	Flu
16	516	104	6	216	350	BP Diagnostic Check-up	2023-12-06	BP
17	517	105	7	217	450	COVID-19 Diagnostic Check-up	2023-12-07	COVID19
18	518	106	8	218	150	Flu Diagnostic Check-up	2023-12-08	Flu
19	519	107	9	219	550	Diabetes Diagnostic Check-up	2022-12-09	Diabetes
20	520	108	10	220	650	COVID-19 Diagnostic Check-up	2022-12-10	COVID19
21	527	121	7	216	350	COVID-19 Diagnostic Check-up	2023-12-06	COVID19
22	528	132	7	217	450	Flu Diagnostic Check-up	2023-12-07	Flu
23	529	144	9	218	150	Flu Diagnostic Check-up	2023-12-08	Flu
24	530	125	9	210	550	BP Diagnostic Check-up	2022-12-09	BP
25	531	112	10	208	650	Diabetes Diagnostic Check-up	2022-12-10	Diabetes
26	532	123	7	216	350	COVID-19 Diagnostic Check-up	2023-12-02	COVID19
27	533	133	1	217	450	Flu Diagnostic Check-up	2023-12-03	Flu
28	534	141	5	218	150	Flu Diagnostic Check-up	2023-12-04	Flu

---- Insert details into Record ----

INSERT INTO Record (UniqueRecordID, PatientID, InstitutionID, Regulatory_Dept_ID, Location, Date, ReportType)

VALUES

(610, 101, 1, 1001, 'Room123', '2023-09-15', 'Diagnostic Reports'),

(611, 102, 2, 1002, 'Room234', '2023-08-20', 'Prescription'),

(612, 103, 3, 1003, 'Room345', '2023-07-25', 'Diagnostic Reports'),

(613, 104, 4, 1001, 'Room456', '2023-06-30', 'Prescription'),

(614, 105, 5, 1002, 'Room567', '2023-05-05', 'Diagnostic Reports'),

(615, 106, 6, 1003, 'Room678', '2023-04-10', 'Prescription'),

(616, 107, 7, 1001, 'Room789', '2023-03-15', 'Diagnostic Reports'),
(617, 108, 8, 1002, 'Room890', '2023-02-20', 'Prescription'),
(618, 109, 9, 1003, 'Room901', '2023-01-25', 'Diagnostic Reports'),
(619, 110, 10, 1001, 'Room101', '2022-12-30', 'Prescription'),
(620, 111, 1, 1002, 'Room202', '2022-11-05', 'Diagnostic Reports'),
(621, 112, 2, 1003, 'Room303', '2022-10-10', 'Prescription'),
(622, 101, 3, 1001, 'Room404', '2022-09-15', 'Diagnostic Reports'),
(623, 102, 4, 1002, 'Room505', '2022-08-20', 'Prescription'),
(624, 103, 5, 1003, 'Room606', '2022-07-25', 'Diagnostic Reports'),
(625, 104, 6, 1001, 'Room707', '2022-06-30', 'Prescription'),
(626, 105, 7, 1002, 'Room808', '2022-05-05', 'Diagnostic Reports'),
(627, 106, 8, 1003, 'Room909', '2022-04-10', 'Prescription'),
(628, 107, 9, 1001, 'Room1010', '2022-03-15', 'Diagnostic Reports'),
(629, 108, 10, 1002, 'Room1111', '2022-02-20', 'Prescription'),
(630, 109, 1, 1003, 'Room1212', '2022-01-25', 'Prescription');

INSERT INTO Record (UniqueRecordID, PatientID, InstitutionID, Regulatory_Dept_ID, Location, Date, ReportType, Status)

VALUES

(636, 106, 6, 1006, 'Room 6', '2023-06-22', 'Prescription', 'Waiting'),
(637, 107, 7, 1007, 'Room 7', '2023-07-12', 'Diagnostic Reports', 'Approved'),
(638, 108, 8, 1008, 'Room 8', '2023-08-03', 'Prescription', 'Waiting'),
(639, 109, 9, 1009, 'Room 9', '2023-09-28', 'Diagnostic Reports', 'Approved'),
(640, 110, 10, 1010, 'Room 10', '2023-10-09', 'Prescription', 'Waiting'),
(641, 111, 1, 1001, 'Room 11', '2023-11-14', 'Diagnostic Reports', 'Approved'),
(642, 112, 2, 1002, 'Room 12', '2023-12-01', 'Prescription', 'Waiting'),
(643, 113, 3, 1003, 'Room 13', '2023-01-25', 'Diagnostic Reports', 'Approved'),
(644, 114, 4, 1004, 'Room 14', '2023-02-08', 'Prescription', 'Waiting'),

(645, 115, 5, 1005, 'Room 15', '2023-03-17', 'Diagnostic Reports', 'Approved'),
(646, 116, 6, 1006, 'Room 16', '2023-04-30', 'Prescription', 'Waiting'),
(647, 117, 7, 1007, 'Room 17', '2023-05-09', 'Diagnostic Reports', 'Approved'),
(648, 118, 8, 1008, 'Room 18', '2023-06-14', 'Prescription', 'Waiting'),
(649, 119, 9, 1009, 'Room 19', '2023-07-27', 'Diagnostic Reports', 'Approved'),
(650, 120, 10, 1010, 'Room 20', '2023-08-19', 'Prescription', 'Waiting'),
(651, 121, 1, 1001, 'Room 21', '2023-09-04', 'Diagnostic Reports', 'Approved'),
(652, 122, 2, 1002, 'Room 22', '2023-10-11', 'Prescription', 'Waiting'),
(653, 123, 3, 1003, 'Room 23', '2023-11-23', 'Diagnostic Reports', 'Approved'),
(654, 124, 4, 1004, 'Room 24', '2023-12-06', 'Prescription', 'Waiting'),
(655, 125, 5, 1005, 'Room 25', '2023-01-07', 'Diagnostic Reports', 'Approved'),
(656, 126, 6, 1006, 'Room 26', '2023-02-14', 'Prescription', 'Waiting'),
(657, 127, 7, 1007, 'Room 27', '2023-03-19', 'Diagnostic Reports', 'Approved'),
(658, 128, 8, 1008, 'Room 28', '2023-04-02', 'Prescription', 'Waiting'),
(659, 129, 9, 1009, 'Room 29', '2023-05-28', 'Diagnostic Reports', 'Approved'),
(660, 130, 10, 1010, 'Room 30', '2023-06-09', 'Prescription', 'Waiting'),
(661, 131, 1, 1001, 'Room 31', '2023-07-14', 'Diagnostic Reports', 'Approved'),
(662, 132, 2, 1002, 'Room 32', '2023-08-21', 'Prescription', 'Waiting'),
(663, 133, 3, 1003, 'Room 33', '2023-09-12', 'Diagnostic Reports', 'Approved'),
(664, 134, 4, 1004, 'Room 34', '2023-10-05', 'Prescription', 'Waiting'),
(665, 135, 5, 1005, 'Room 35', '2023-11-18', 'Diagnostic Reports', 'Approved'),
(666, 136, 6, 1006, 'Room 36', '2023-12-22', 'Prescription', 'Waiting'),
(667, 137, 7, 1007, 'Room 37', '2023-01-12', 'Diagnostic Reports', 'Approved'),
(668, 138, 8, 1008, 'Room 38', '2023-02-03', 'Prescription', 'Waiting'),
(669, 139, 9, 1009, 'Room 39', '2023-03-28', 'Diagnostic Reports', 'Approved'),
(670, 140, 10, 1010, 'Room 40', '2023-04-09', 'Prescription', 'Waiting');

INSERT INTO Record (UniqueRecordID, PatientID, InstitutionID, Regulatory_Dept_ID, Location, Date, ReportType, Status, CreationTimeStamp)

VALUES

(671, 102, 2, 1002, 'Room 2', '2023-07-02', 'Prescription', 'Waiting', '2023-07-02 08:15:30.123'),
(672, 103, 3, 1003, 'Room 3', '2023-07-03', 'Diagnostic Reports', 'Approved', '2023-07-03
14:45:20.567'),
(673, 104, 4, 1004, 'Room 4', '2023-07-04', 'Prescription', 'Waiting', '2023-07-04 10:20:15.789'),
(674, 105, 5, 1005, 'Room 5', '2023-07-05', 'Diagnostic Reports', 'Approved', '2023-07-05
09:35:55.234'),
(675, 106, 6, 1006, 'Room 6', '2023-08-06', 'Prescription', 'Waiting', '2023-08-06 11:40:40.987'),
(676, 107, 7, 1007, 'Room 7', '2023-08-07', 'Diagnostic Reports', 'Approved', '2023-08-07
15:55:25.321'),
(677, 108, 8, 1008, 'Room 8', '2023-08-08', 'Prescription', 'Waiting', '2023-08-08 07:10:10.654'),
(678, 109, 9, 1009, 'Room 9', '2023-08-09', 'Diagnostic Reports', 'Approved', '2023-08-09
13:25:50.987'),
(679, 110, 10, 1010, 'Room 10', '2023-08-10', 'Prescription', 'Waiting', '2023-08-10 09:30:35.321'),
(680, 111, 1, 1001, 'Room 11', '2023-09-11', 'Diagnostic Reports', 'Approved', '2023-08-11
14:45:20.654'),
(681, 112, 2, 1002, 'Room 12', '2023-09-12', 'Prescription', 'Waiting', '2023-08-12 10:00:05.987'),
(682, 113, 3, 1003, 'Room 13', '2023-09-13', 'Diagnostic Reports', 'Approved', '2023-08-13
16:15:50.321'),
(683, 114, 4, 1004, 'Room 14', '2023-09-14', 'Prescription', 'Waiting', '2023-08-14 11:30:35.654'),
(684, 115, 5, 1005, 'Room 15', '2023-09-15', 'Diagnostic Reports', 'Approved', '2023-08-15
07:45:20.987'),
(685, 116, 6, 1006, 'Room 16', '2023-09-16', 'Prescription', 'Waiting', '2023-09-16 13:00:05.321');

INSERT INTO Record (UniqueRecordID, PatientID, InstitutionID, Regulatory_Dept_ID, Location, Date,
ReportType, Status, CreationTimeStamp)

VALUES

(686, 101, 1, 1001, 'Room 1', '2023-09-01', 'Diagnostic Reports', 'Approved', '2023-09-01
09:30:45.678'),
(687, 102, 2, 1002, 'Room 2', '2023-09-02', 'Prescription', 'Waiting', '2023-09-02 08:15:30.123'),
(688, 103, 3, 1003, 'Room 3', '2023-09-03', 'Diagnostic Reports', 'Approved', '2023-09-03
14:45:20.567'),

(689, 104, 4, 1004, 'Room 4', '2023-09-04', 'Prescription', 'Waiting', '2023-09-04 10:20:15.789'),
 (690, 105, 5, 1005, 'Room 5', '2023-09-05', 'Diagnostic Reports', 'Approved', '2023-09-05
 09:35:55.234'),
 (691, 106, 6, 1006, 'Room 6', '2023-09-06', 'Prescription', 'Waiting', '2023-09-06 11:40:40.987'),
 (692, 107, 7, 1007, 'Room 7', '2023-09-07', 'Diagnostic Reports', 'Approved', '2023-09-07
 15:55:25.321'),
 (693, 108, 8, 1008, 'Room 8', '2023-09-08', 'Prescription', 'Waiting', '2023-09-08 07:10:10.654'),
 (694, 109, 9, 1009, 'Room 9', '2023-09-09', 'Diagnostic Reports', 'Approved', '2023-09-09
 13:25:50.987'),
 (695, 110, 10, 1010, 'Room 10', '2023-09-10', 'Prescription', 'Waiting', '2023-09-10 09:30:35.321'),
 (696, 111, 1, 1001, 'Room 11', '2023-10-11', 'Diagnostic Reports', 'Approved', '2023-10-11
 14:45:20.654'),
 (697, 112, 2, 1002, 'Room 12', '2023-10-12', 'Prescription', 'Waiting', '2023-10-12 10:00:05.987'),
 (698, 113, 3, 1003, 'Room 13', '2023-10-13', 'Diagnostic Reports', 'Approved', '2023-10-13
 16:15:50.321'),
 (699, 114, 4, 1004, 'Room 14', '2023-10-14', 'Prescription', 'Waiting', '2023-10-14 11:30:35.654'),
 (700, 115, 5, 1005, 'Room 15', '2023-10-15', 'Diagnostic Reports', 'Approved', '2023-10-15
 07:45:20.987');

INSERT INTO Record (UniqueRecordID, PatientID, InstitutionID, Regulatory_Dept_ID, Location, Date,
 ReportType, Status, CreationTimeStamp)

VALUES

(701, 101, 1, 1001, 'Room 1', '2023-10-01', 'Diagnostic Reports', 'Approved', '2023-10-01
 08:30:45.678'),
 (702, 102, 2, 1002, 'Room 2', '2023-10-02', 'Prescription', 'Waiting', '2023-10-02 07:15:30.123'),
 (703, 103, 3, 1003, 'Room 3', '2023-10-03', 'Diagnostic Reports', 'Approved', '2023-10-03
 13:45:20.567'),
 (704, 104, 4, 1004, 'Room 4', '2023-10-04', 'Prescription', 'Waiting', '2023-10-04 09:20:15.789'),
 (705, 105, 5, 1005, 'Room 5', '2023-10-05', 'Diagnostic Reports', 'Approved', '2023-10-05
 08:35:55.234'),
 (706, 106, 6, 1006, 'Room 6', '2023-10-06', 'Prescription', 'Waiting', '2023-10-06 10:40:40.987'),
 (707, 107, 7, 1007, 'Room 7', '2023-10-07', 'Diagnostic Reports', 'Approved', '2023-10-07
 14:55:25.321'),

(708, 108, 8, 1008, 'Room 8', '2023-10-08', 'Prescription', 'Waiting', '2023-10-08 06:10:10.654'),
(709, 109, 9, 1009, 'Room 9', '2023-10-09', 'Diagnostic Reports', 'Approved', '2023-10-09
12:25:50.987'),
(710, 110, 10, 1010, 'Room 10', '2023-10-10', 'Prescription', 'Waiting', '2023-10-10 09:30:35.321'),
(711, 111, 1, 1001, 'Room 11', '2023-11-11', 'Diagnostic Reports', 'Approved', '2023-11-11
14:45:20.654'),
(712, 112, 2, 1002, 'Room 12', '2023-11-12', 'Prescription', 'Waiting', '2023-11-12 10:00:05.987'),
(713, 113, 3, 1003, 'Room 13', '2023-11-13', 'Diagnostic Reports', 'Approved', '2023-11-13
16:15:50.321'),
(714, 114, 4, 1004, 'Room 14', '2023-11-14', 'Prescription', 'Waiting', '2023-11-14 11:30:35.654'),
(715, 115, 5, 1005, 'Room 15', '2023-11-15', 'Diagnostic Reports', 'Approved', '2023-11-15
07:45:20.987');

INSERT INTO Record (UniqueRecordID, PatientID, InstitutionID, Regulatory_Dept_ID, Location, Date,
ReportType, Status, CreationTimeStamp)

VALUES

(716, 101, 1, 1001, 'Room 1', '2023-11-01', 'Diagnostic Reports', 'Approved', '2023-11-01
10:30:45.678'),
(717, 102, 2, 1002, 'Room 2', '2023-11-02', 'Prescription', 'Waiting', '2023-11-02 09:15:30.123'),
(718, 103, 3, 1003, 'Room 3', '2023-11-03', 'Diagnostic Reports', 'Approved', '2023-11-03
15:45:20.567'),
(719, 104, 4, 1004, 'Room 4', '2023-11-04', 'Prescription', 'Waiting', '2023-11-04 11:20:15.789'),
(720, 105, 5, 1005, 'Room 5', '2023-11-05', 'Diagnostic Reports', 'Approved', '2023-11-05
10:35:55.234'),
(721, 106, 6, 1006, 'Room 6', '2023-11-06', 'Prescription', 'Waiting', '2023-11-06 12:40:40.987'),
(722, 107, 7, 1007, 'Room 7', '2023-11-07', 'Diagnostic Reports', 'Approved', '2023-11-07
16:55:25.321'),
(723, 108, 8, 1008, 'Room 8', '2023-11-08', 'Prescription', 'Waiting', '2023-11-08 08:10:10.654'),
(724, 109, 9, 1009, 'Room 9', '2023-11-09', 'Diagnostic Reports', 'Approved', '2023-11-09
14:25:50.987'),
(725, 110, 10, 1010, 'Room 10', '2023-11-10', 'Prescription', 'Waiting', '2023-11-10 09:30:35.321'),

```
(726, 111, 1, 1001, 'Room 11', '2023-11-11', 'Diagnostic Reports', 'Approved', '2023-11-11  
14:45:20.654'),  
(727, 112, 2, 1002, 'Room 12', '2023-11-12', 'Prescription', 'Waiting', '2023-11-12 10:00:05.987');
```

```
SELECT * FROM Record
```

```
---- Update Records ----
```

```
update Record  
set Status='Approved'  
where UniqueRecordID=610
```

```
update Record  
set Status='Waiting'  
where UniqueRecordID=611
```

```
update Record  
set Status='Waiting'  
where UniqueRecordID=612
```

```
update Record  
set Status='Approved'  
where UniqueRecordID=613
```

```
update Record  
set Status='Waiting'  
where UniqueRecordID=614
```

```
update Record
```

```
set Status='Approved'  
where UniqueRecordID=615
```

```
update Record  
set Status='Approved'  
where UniqueRecordID=616
```

```
update Record  
set Status='Waiting'  
where UniqueRecordID=617
```

```
update Record  
set Status='Approved'  
where UniqueRecordID=618
```

```
update Record  
set Status='Waiting'  
where UniqueRecordID=619
```

```
update Record  
set Status='Approved'  
where UniqueRecordID=620
```

```
update Record  
set Status='Approved'  
where UniqueRecordID=621
```

```
update Record  
set Status='Approved'
```


where UniqueRecordID=622

update Record

set Status='Waiting'

where UniqueRecordID=623

update Record

set Status='Waiting'

where UniqueRecordID=624

update Record

set Status='Approved'

where UniqueRecordID=625

update Record

set Status='Waiting'

where UniqueRecordID=626

update Record

set Status='Approved'

where UniqueRecordID=627

update Record

set Status='Waiting'

where UniqueRecordID=628

update Record

set Status='Approved'

where UniqueRecordID=629

```
update Record
set Status='Waiting'
where UniqueRecordID=630
```

----- Update CreationTimeStamp records -----

```
ALTER TABLE Record
ADD L
```

```
update Record
set CreationTimeStamp='2022-08-06 17:21:30.294'
where UniqueRecordID=610
```

```
update Record
set CreationTimeStamp='2022-08-17 19:23:48.191'
where UniqueRecordID=611
```

```
update Record
set CreationTimeStamp='2022-09-10 18:21:55.341'
where UniqueRecordID=612
```

```
update Record
set CreationTimeStamp='2022-09-18 18:10:53.123'
where UniqueRecordID=613
```

```
update Record
set CreationTimeStamp='2022-09-25 20:54:55.234'
where UniqueRecordID=614
```

update Record

set CreationTimeStamp='2022-10-10 21:41:55.123'

where UniqueRecordID=615

update Record

set CreationTimeStamp='2022-10-15 20:43:55.123'

where UniqueRecordID=616

update Record

set CreationTimeStamp='2022-10-17 17:32:55.123'

where UniqueRecordID=617

update Record

set CreationTimeStamp='2022-10-27 13:35:55.123'

where UniqueRecordID=618

update Record

set CreationTimeStamp='2022-11-13 18:30:58.123'

where UniqueRecordID=619

update Record

set CreationTimeStamp='2022-11-16 21:30:58.123'

where UniqueRecordID=620

update Record

set CreationTimeStamp='2022-11-21 11:30:58.123'

where UniqueRecordID=621

update Record
set CreationTimeStamp='2022-11-28 17:30:58.123'
where UniqueRecordID=622

update Record
set CreationTimeStamp='2022-11-30 18:12:58.123'
where UniqueRecordID=623

update Record
set CreationTimeStamp='2022-12-04 15:34:43.234'
where UniqueRecordID=624

update Record
set CreationTimeStamp='2022-12-15 17:11:43.213'
where UniqueRecordID=625

update Record
set CreationTimeStamp='2022-12-17 09:12:12.321'
where UniqueRecordID=626

update Record
set CreationTimeStamp='2022-12-21 11:43:34.123'
where UniqueRecordID=627

update Record
set CreationTimeStamp='2022-12-24 16:34:53.567'
where UniqueRecordID=628

update Record

```
set CreationTimeStamp='2022-12-25 15:31:41.421'  
where UniqueRecordID=629
```

```
update Record  
set CreationTimeStamp='2023-01-03 13:12:41.231'  
where UniqueRecordID=630
```

```
update Record  
set CreationTimeStamp='2023-01-05 15:21:41.231'  
where UniqueRecordID=631
```

```
update Record  
set CreationTimeStamp='2023-01-08 13:43:12.342'  
where UniqueRecordID=632
```

```
update Record  
set CreationTimeStamp='2023-01-11 18:54:31.231'  
where UniqueRecordID=633
```

```
update Record  
set CreationTimeStamp='2023-01-15 21:15:43.312'  
where UniqueRecordID=634
```

```
update Record  
set CreationTimeStamp='2023-01-17 13:12:41.231'  
where UniqueRecordID=635
```

```
update Record  
set CreationTimeStamp='2023-01-24 16:42:12.124'
```

where UniqueRecordID=636

update Record

set CreationTimeStamp='2023-01-31 19:32:12.124'

where UniqueRecordID=637

update Record

set CreationTimeStamp='2023-02-08 19:32:12.124'

where UniqueRecordID=638

update Record

set CreationTimeStamp='2023-02-11 21:13:44.213'

where UniqueRecordID=639

update Record

set CreationTimeStamp='2023-02-14 22:32:12.124'

where UniqueRecordID=640

update Record

set CreationTimeStamp='2023-02-16 14:32:12.431'

where UniqueRecordID=641

update Record

set CreationTimeStamp='2023-02-17 17:14:19.312'

where UniqueRecordID=642

update Record

set CreationTimeStamp='2023-02-21 19:23:15.341'

where UniqueRecordID=643

update Record

set CreationTimeStamp='2023-02-24 11:45:42.213'

where UniqueRecordID=644

update Record

set CreationTimeStamp='2023-02-27 09:32:32.321'

where UniqueRecordID=645

update Record

set CreationTimeStamp='2023-02-28 22:32:12.124'

where UniqueRecordID=646

update Record

set CreationTimeStamp='2023-03-15 21:46:12.114'

where UniqueRecordID=647

update Record

set CreationTimeStamp='2023-03-21 21:46:17.154'

where UniqueRecordID=648

update Record

set CreationTimeStamp='2023-03-28 13:57:32.215'

where UniqueRecordID=649

update Record

set CreationTimeStamp='2023-04-15 21:46:12.114'

where UniqueRecordID=650

update Record
set CreationTimeStamp='2023-04-23 13:24:52.174'
where UniqueRecordID=651

update Record
set CreationTimeStamp='2023-05-10 22:59:31.133'
where UniqueRecordID=652

update Record
set CreationTimeStamp='2023-05-14 20:51:41.521'
where UniqueRecordID=653

update Record
set CreationTimeStamp='2023-05-17 13:21:13.242'
where UniqueRecordID=654

update Record
set CreationTimeStamp='2023-05-24 18:34:42.231'
where UniqueRecordID=655

update Record
set CreationTimeStamp='2023-05-26 19:31:14.153'
where UniqueRecordID=656

update Record
set CreationTimeStamp='2023-05-27 21:41:11.163'
where UniqueRecordID=657

update Record


```
set CreationTimeStamp='2023-06-03 22:34:59.171'  
where UniqueRecordID=658
```

```
update Record  
set CreationTimeStamp='2023-06-08 12:41:43.177'  
where UniqueRecordID=659
```

```
update Record  
set CreationTimeStamp='2023-06-11 17:31:34.187'  
where UniqueRecordID=660
```

```
update Record  
set CreationTimeStamp='2023-06-14 10:42:12.177'  
where UniqueRecordID=661
```

```
update Record  
set CreationTimeStamp='2023-06-16 17:53:21.531'  
where UniqueRecordID=662
```

```
update Record  
set CreationTimeStamp='2023-06-19 20:57:31.342'  
where UniqueRecordID=663
```

```
update Record  
set CreationTimeStamp='2023-06-21 21:31:43.123'  
where UniqueRecordID=664
```

```
update Record  
set CreationTimeStamp='2023-06-24 13:21:54.234'
```

where UniqueRecordID=665

update Record

set CreationTimeStamp='2023-06-28 23:41:43.177'

where UniqueRecordID=666

update Record

set CreationTimeStamp='2023-07-06 21:34:43.137'

where UniqueRecordID=667

update Record

set CreationTimeStamp='2023-07-11 17:52:14.127'

where UniqueRecordID=668

update Record

set CreationTimeStamp='2023-07-17 20:34:43.137'

where UniqueRecordID=669

update Record

set CreationTimeStamp='2023-07-20 14:15:45.174'

where UniqueRecordID=670

select * from Record

Users > sohamshah > Documents > DMDD > Project > finalQueries.sql

Database: GlobalHealthCareSyst...

Estimated Plan Enable Actual Plan Parse Enable SQLCMD To Notebook

1704
1705
1706
1707
1708
1709
1710

SELECT * FROM Record

Results Messages

UniqueRecordID	PatientID	InstitutionID	Regulatory_Dept_ID	Location	Date	ReportType	Status	CreationTime
610	101	1	1001	Room123	2023-09-15	Diagnostic Reports	Approved	2022-08-06
611	102	2	1002	Room234	2023-08-20	Prescription	Waiting	2022-08-17
612	103	3	1003	Room345	2023-07-25	Diagnostic Reports	Waiting	2022-09-10
613	104	4	1001	Room456	2023-06-30	Prescription	Approved	2022-09-18
614	105	5	1002	Room567	2023-05-05	Diagnostic Reports	Waiting	2022-09-25
615	106	6	1003	Room678	2023-04-10	Prescription	Approved	2022-10-10
616	107	7	1001	Room789	2023-03-15	Diagnostic Reports	Approved	2022-10-15
617	108	8	1002	Room890	2023-02-20	Prescription	Waiting	2022-10-17
618	109	9	1003	Room901	2023-01-25	Diagnostic Reports	Approved	2022-10-27
619	110	10	1001	Room101	2022-12-30	Prescription	Waiting	2022-11-13
620	111	1	1002	Room202	2022-11-05	Diagnostic Reports	Approved	2022-11-16
621	112	2	1003	Room303	2022-10-10	Prescription	Approved	2022-11-21
622	101	3	1001	Room404	2022-09-15	Diagnostic Reports	Approved	2022-11-28
623	102	4	1002	Room505	2022-08-20	Prescription	Waiting	2022-11-30

Ln 1704, Col 1 (21 selected) Spaces: 4 UTF-8 LF SQL 118 rows Choose SQL Language 00:00:00 localhost: GlobalHealthCareSystem

---- Insert Details in Prescription ----

INSERT INTO Prescription (UniqueRecordID, E_Sign_Doctor)

SELECT UniqueRecordID, 'Awaiting Doctor Signature'

FROM Record

WHERE ReportType = 'Prescription';

Users > sohamshah > Documents > DMDD > Project > finalQueries.sql

Database: GlobalHealthCareSyst...

Estimated Plan Enable Actual Plan Parse Enable SQLCMD To Notebook

1701
1702 SELECT * FROM Prescription
1703

Results Messages

	UniqueRecordID	E_Sign_Doctor
1	611	Awaiting Doctor Signature
2	613	Awaiting Doctor Signature
3	615	Awaiting Doctor Signature
4	617	Awaiting Doctor Signature
5	619	Awaiting Doctor Signature
6	621	Awaiting Doctor Signature
7	623	Awaiting Doctor Signature
8	625	Awaiting Doctor Signature
9	627	Awaiting Doctor Signature
10	629	Awaiting Doctor Signature
11	630	Awaiting Doctor Signature
12	632	Awaiting Doctor Signature
13	634	Awaiting Doctor Signature
14	636	Awaiting Doctor Signature
15	638	Awaiting Doctor Signature
16	640	Awaiting Doctor Signature
17	642	Awaiting Doctor Signature
18	644	Awaiting Doctor Signature
19	646	Awaiting Doctor Signature
20	648	Awaiting Doctor Signature
21	650	Awaiting Doctor Signature
22	652	Awaiting Doctor Signature
23	654	Awaiting Doctor Signature
24	656	Awaiting Doctor Signature
25	658	Awaiting Doctor Signature
26	660	Awaiting Doctor Signature
27	662	Awaiting Doctor Signature

Results grid

Ln 1702, Col 27 Spaces: 4 UTF-8 LF SQL 59 rows Choose SQL Language 00:00:00 localhost: GlobalHealthCareSystem

---- Insert Details in Diagnostic Reports ----

INSERT INTO DiagnosticReports (UniqueRecordID)

SELECT UniqueRecordID

FROM Record

WHERE ReportType = 'Diagnostic Reports';

//have updated the Medical_Department file with Departments

Solution13 - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

GlobalHealthcareSystem

SQLQuery12.sql - A...em (Prarthana (57))

```
SELECT * FROM DiagnosticReports
```

88 %

Results Messages

	UniqueRecordID	Medical_Department
1	610	M1
2	612	M2
3	614	M5
4	616	M7
5	618	M8
6	620	M2
7	622	M5
8	624	M6
9	626	M7
10	628	M8
11	1402	M9
12	1900	M9
13	8010	M6
14	12301	M3

Query executed successfully.

ASPIRE (16.0 RTM) Prarthana (57) GlobalHealthcareSystem 00:00:00 15 rows

Ready Ln 34 Col 1 Ch 1 INS

9:42 PM 11/29/2023