

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

```
SELECT COUNT(*) AS dept_count FROM Department;
```

Results 1 X

SELECT COUNT(*) AS dept_count FRC | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 dept_count	Value X
1	2	2

Text

```
SELECT COUNT(*) AS dept_count FROM Department;  
SELECT COUNT(*) AS doctor_count FROM Doctor;
```

Results 1 X

SELECT COUNT(*) AS doctor_count Ff | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 doctor_count	Value X
1	2	2

Text

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

```
SELECT COUNT(*) AS dept_count FROM Department;  
SELECT COUNT(*) AS doctor_count FROM Doctor;  
SELECT COUNT(*) AS patient_count FROM Patient;
```

Results 1 X

SELECT COUNT(*) AS patient_count Ff | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 patient_count	Value X
1	2	2

Text

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

```
SELECT COUNT(*) AS dept_count FROM Department;  
SELECT COUNT(*) AS doctor_count FROM Doctor;  
SELECT COUNT(*) AS patient_count FROM Patient;  
SELECT COUNT(*) AS insurance_count FROM InsurancePlan;
```

Results 1 X

SELECT COUNT(*) AS insurance_count | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 insurance_count	Value X
1	2	2

xt

SELECT COUNT(*) AS doctor_count FROM Doctor;
 SELECT COUNT(*) AS patient_count FROM Patient;
 SELECT COUNT(*) AS insurance_count FROM InsurancePlan;
 SELECT COUNT(*) AS diagnosis_count FROM Diagnosis;

Results 1 X

SELECT COUNT(*) AS diagnosis_count | Enter a SQL expression to filter results (use Ctrl+Space)

Grid

	123 diagnosis_count
1	2

Value X

2

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

SELECT COUNT(*) AS patient_count FROM Patient;
 SELECT COUNT(*) AS insurance_count FROM InsurancePlan;
 SELECT COUNT(*) AS diagnosis_count FROM Diagnosis;
 SELECT COUNT(*) AS appt_count FROM Appointment;

Results 1 X

SELECT COUNT(*) AS appt_count FRC | Enter a SQL expression to filter results (use Ctrl+Space)

Grid

	123 appt_count
1	2

Value X

2

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

SELECT COUNT(*) AS insurance_count FROM InsurancePlan;
 SELECT COUNT(*) AS diagnosis_count FROM Diagnosis;
 SELECT COUNT(*) AS appt_count FROM Appointment;
 SELECT COUNT(*) AS billing_count FROM Billing;

Results 1 X

SELECT COUNT(*) AS billing_count FR | Enter a SQL expression to filter results (use Ctrl+Space)

Grid

	123 billing_count
1	1

Value X

1

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

SELECT COUNT(*) AS diagnosis_count FROM Diagnosis;
 SELECT COUNT(*) AS appt_count FROM Appointment;
 SELECT COUNT(*) AS billing_count FROM Billing;
 SELECT COUNT(*) AS appt_diag_count FROM Appointment_Diagnosis;

Results 1 X

SELECT COUNT(*) AS appt_diag_count | Enter a SQL expression to filter results (use Ctrl+Space)

Grid

	123 appt_diag_count
1	2

Value

2

```

SELECT
  a.Appt_ID,
  a.Start_Time,
  a.Status,
  d.Doctor_ID,
  d.First_Name AS doctor_first_name,
  d.Last_Name AS doctor_last_name,
  p.Patient_ID,
  p.First_Name AS patient_first_name,
  p.Last_Name AS patient_last_name,
  dept.Dept_Name
FROM Appointment a
JOIN Doctor d ON a.Doctor_ID = d.Doctor_ID
JOIN Patient p ON a.Patient_ID = p.Patient_ID
JOIN Department dept ON a.Dept_ID = dept.Dept_ID;

```

appointment(+) 1 X

SELECT a.Appt_ID, a.Start_Time, a.Sta Enter a SQL expression to filter results (use Ctrl+Space)

123 appt_id	start_time	AZ status	123 doctor_id	AZ doctor_first_na
1	2025-01-10 09:00:00.000	Completed	1	Alice
2	2025-01-11 10:00:00.000	Scheduled	2	Bob

Value X

```

JOIN Department dept ON a.Dept_ID = dept.Dept_ID;

SELECT
  ad.Appt_ID,
  d.Diagnosis_Code,
  d.Description
FROM Appointment_Diagnosis ad
JOIN Diagnosis d ON ad.Diagnosis_Code = d.Diagnosis_Code;

```

appointment_diagnosis(+) 1 X

SELECT ad.Appt_ID, d.Diagnosis_Code Enter a SQL expression to filter results (use Ctrl+Space)

123 appt_id	AZ diagnosis_code	AZ description
1	I10	Hypertension
2	J20	Acute bronchitis

Value X

```

-- INSERT INTO Appointment (Start_Time, Status, Duration_Min, Patient_ID, Doctor_ID, Dept_ID)
VALUES ('2025-01-20 10:00', 'BADSTATUS', 30, 1, 1, 1);

```

appointment_diagnosis(+) 1 X

INSERT INTO Appointment (Start_Time Enter a SQL expression to filter results (use Ctrl+Space)

SQL Error [23514]: ERROR: new row for relation "appointment" violates check constraint "chk_appt_status"
Detail: Failing row contains (1, 2025-01-20 10:00:00, BADSTATUS, 30, 1, 1, 1).

Error position:

```

INSERT INTO Appointment (Start_Time, Status, Duration_Min, Patient_ID, Doctor_ID, Dept_ID)
VALUES ('2025-01-20 10:00', 'BADSTATUS', 30, 1, 1, 1)

```