

**Instructions:**

Now you have added the records in multiple tables in the Healthcare Database, conduct the following Queries with Joins and Nested Joins.

1. Join all Physician Table fields with Patient Table all fields
2. Join all Nurse table fields with patient table fields
3. Join all Physician Table fields with Patient Table all fields with meaningful names with the AS clause
4. Join all Nurse table fields with patient table fields with meaningful names with the AS clause
5. Join all fields from patient table with the drug table through drug admin table
6. Join all fields from patient table with the drug table through drug admin table where drugs are narcotic
7. Join all fields from patient table with the drug table through drug admin table where drugs are narcotic and the physician names who administered those drugs

**Helpful link on SQL Joins:** <http://www.sql-join.com/>

**Query 1:** SELECT Doc\_Table.\*, Pat\_Table.\*  
FROM Doc\_Table  
INNER JOIN Pat\_Table  
ON Doc\_Table.Doc\_Code = Pat\_Table.Doc\_Code;

**Query 2:** SELECT Nurse\_Table.\*, Pat\_Table.\*  
FROM Nurse\_Table  
INNER JOIN Pat\_Table  
ON Nurse\_Table.Nur\_Code = Pat\_Table.Nur\_Code;

**Query 3:** SELECT Doc\_Table.Doc\_Code, Doc\_Table.F\_Name AS Doctor\_FirstName,  
Doc\_Table.L\_Name AS Doctor\_LastName,  
Doc\_Table.SPC, Pat\_Table.Patient\_num, Pat\_Table.First\_name AS Patient\_FirstName,  
Pat\_Table.Last\_Name AS Patient\_LastName, Pat\_Table.Doc\_Code,  
Pat\_Table.Nur\_Code, Pat\_Table.Floor, Pat\_Table.Balance\_Due  
FROM Doc\_Table  
INNER JOIN Pat\_Table  
ON Doc\_Table.Doc\_Code = Pat\_Table.Doc\_Code;

**Query 4:** SELECT Nurse\_Table.Nur\_Code, Nurse\_Table.F\_Name AS Nurse\_FirstName,  
Nurse\_Table.L\_Name AS Nurse\_LastName,

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Nurse_Table.Floor, Pat_Table.Patient_num, Pat_Table.First_name AS Patient_FirstName,  
Pat_Table.Last_name AS Patient_LastName, Pat_Table.Doc_Code, Pat_Table.Nur_Code,  
Pat_Table.Floor, Pat_Table.Balance_Due  
FROM Nurse_Table  
INNER JOIN Pat_Table  
ON Nurse_Table.Nur_Code = Pat_Table.Nur_Code;
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**Query 5:** SELECT Pat\_Table.\*, Drug\_Table.\*, Drug\_Admin\_Table.\*  
FROM Pat\_Table  
INNER JOIN (Drug\_Table INNER JOIN Drug\_Admin\_Table ON Drug\_Table.Drug\_Code =  
Drug\_Admin\_Table.Drug\_Code) ON Pat\_Table.Patient\_num =  
Drug\_Admin\_Table.Pat\_Number;

**Query 6:** SELECT Pat\_Table.\*, Drug\_Table.Narcotic, Drug\_Admin\_Table.Adm\_Date,  
Drug\_Admin\_Table.Admin\_Code  
FROM Pat\_Table  
INNER JOIN (Drug\_Table INNER JOIN Drug\_Admin\_Table ON Drug\_Table.Drug\_Code =  
Drug\_Admin\_Table.Drug\_Code) ON Pat\_Table.[Patient\_num] =  
Drug\_Admin\_Table.Pat\_Number  
WHERE (Drug\_Table.Narcotic)=Yes;

**Query 7:** SELECT Pat\_Table.\*, Drug\_Table.\*, Drug\_Admin\_Table.\*, Doc\_Table.F\_Name AS  
Doctor\_FirstName, Doc\_Table.L\_Name AS Doctor\_LastName  
FROM Pat\_Table INNER JOIN (Drug\_Table INNER JOIN (Drug\_Admin\_Table INNER JOIN  
Doc\_Table ON Drug\_Admin\_Table.Doc\_code = Doc\_Table.Doc\_Code) ON  
Drug\_Table.Drug\_Code = Drug\_Admin\_Table.Drug\_Code) ON Pat\_Table.[Patient\_num] =  
Drug\_Admin\_Table.Pat\_Number  
WHERE (Drug\_Table.Narcotic)=Yes;