

## کوئری های دیتابیس بیمارستان

1. تمام نسخه های مربوط به بیمار با ایدی 14428 و نام پزشک معالج:

```
SELECT Prescription.Prescription_ID, Prescription.Issue_Date,  
Patient.National_ID, Patient.Name, Patient.Family_Name,  
Medicine.Name as Medicine_name, Medicine.Consumption_Instruction,  
Physician.Family_Name as Doctor_name  
FROM Prescription  
INNER JOIN Patient ON Prescription.Patient_ID = Patient.Patient_ID  
INNER JOIN Medicine ON Prescription.Medicine_ID = Medicine.Medicine_ID  
INNER JOIN Physician ON Prescription.Physician_ID = Physician.Physician_ID  
WHERE Prescription.Patient_ID = 14428;
```

2. میانگین مبلغ صورتحساب های پرداخت شده توسط هر شرکت بیمه:

```
SELECT Insurance.Name as insurance_name , AVG(Bill.Amount) AS Avg_Bill_Amount  
FROM Bill  
INNER JOIN Insurance ON Bill.Insurance_ID = Insurance.Insurance_ID  
GROUP BY Insurance.Name;
```

3. شرکت بیمه برتری که بیشترین پرداختی را داشته است:

```
SELECT top 1 Insurance.Name, COUNT(Bill.Bill_ID) AS Num_Bills,  
SUM(Bill.Amount) AS Total_Bill_Amount  
FROM Bill  
INNER JOIN Insurance ON Bill.Insurance_ID = Insurance.Insurance_ID  
GROUP BY Insurance.Name  
ORDER BY Total_Bill_Amount DESC
```

4. پرستارانی که وضعیت عمومی یک بیمار با سطح اکسیژن خون کمتر از 70 را ثبت کرده اند:

```
SELECT DISTINCT Nurse.Nurse_ID, Nurse.Family_Name as family_name,  
Prescription.Patient_ID, Record_Time, Record_Date, Blood_Oxygen  
FROM Record  
INNER JOIN Nurse ON Record.Nurse_ID = Nurse.Nurse_ID  
INNER JOIN Prescription ON Record.Patient_ID = Prescription.Patient_ID  
WHERE Record.Blood_Oxygen < 70;
```

5. اطلاعات بیمارانی که از داروی آسپرین استفاده کرده اند:

```
SELECT Patient.*  
FROM Prescription  
INNER JOIN Medicine on Medicine.Medicine_ID = Prescription.Medicine_ID  
INNER JOIN Patient on Patient.Patient_ID = Prescription.Patient_ID  
WHERE Medicine.Name = 'Aspirin';
```