

SQL QUERIES (13 Queries)

- `select*from Patients;`

Patient_ID	P_Name	P_Age	Gender	P_ContactNo	P_Address	BloodType	AdmissionDate	DischargeDate
101	Rahul Sharma	45	Male	9945783	Delhi,India	B+	2024-02-10	2024-02-15
102	Priya Verma	30	Female	896005	Mumbai,India	O+	2024-03-05	NULL
103	Amit Singh	55	Male	781432	Kolkata,India	A-	2024-01-20	2024-02-01
104	Sneha Kapoor	28	Female	620043	Bangalore,India	AB+	2024-02-22	2024-02-28
105	Rohit Mehta	33	Male	907611	Chennai,India	O-	2024-03-10	NULL
106	Neha Joshi	40	Female	994310	Pune,India	B-	2024-01-15	2024-01-30
107	Varun Malhotra	29	Male	879901	Hyderabad,India	A+	2024-02-05	2024-02-12
108	Ananya Sen	35	Female	624821	Jaipur,India	AB-	2024-03-02	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

- `select doctors.D_Name,Department.Dep_Name
from Doctors
inner join Department on Doctors.DepartmentID=Department.DepartmentID;`

D_Name	Dep_Name
Dr.Arjun Rao	Cardiology
Dr.Meera Das	Neurology
Dr.Karan Jain	Orthopedics
Dr.Aditi Roy	Dermatology
Dr.Ravi Gupta	Pediatrics
Dr.Sonia Kapoor	Gynecology
Dr.Aman Khanna	ENT
Dr.Pooja Mehta	General Medicine

- `select sum(TotalAmount) as TotalPaidAmount
from Billing
where PaymentStatus='Paid';`

TotalPaidAmount
40000

- `select Staff.S_Name,Staff.S_Role,Department.Dep_Name
from Staff
join Department on Staff.S_Department=Department.DepartmentID
where Department.Dep_Name='General Medicine';`

S_Name	S_Role	Dep_Name
Ramesh Gupta	Receptionist	General Medicine
Suresh Mehta	Pharmacist	General Medicine
SDeepa Rani	Accountant	General Medicine

- **select*****from** Pharmacy
where StockQuantity<30;

Med_ID	Med_Name	StockQuanti...	Price
605	Sumatriptan	20	40
606	Hydrocortisone	25	25
NULL	NULL	NULL	NULL

- **update** Billing
Set PaymentStatus='Paid'
where Bill_ID=502;

Bill_ID	Patient_ID	TotalAmount	PaymentStatus	DateIssued
501	101	5000	Paid	2024-02-15
502	102	3000	Paid	2024-03-06
503	103	15000	Paid	2024-01-21
504	104	7000	Paid	2024-02-23
505	105	2500	Pending	2024-03-11
506	106	4000	Paid	2024-01-16
507	107	6000	Paid	2024-02-06
508	108	9000	Pending	2024-03-03
NULL	NULL	NULL	NULL	NULL

- **select*from** Appointments
where AppointmentDate>'2024-03-01';

Appointment...	Patient_ID	Doctor_ID	AppointmentD...	A_status
302	102	202	2024-03-06	Scheduled
305	105	205	2024-03-11	Scheduled
308	108	208	2024-03-03	Scheduled
NULL	NULL	NULL	NULL	NULL

- **select** Patients.P_Name,Medical_Records.Diagnosis,Medical_Records.PrescribedMedicine
from Medical_Records
inner join Patients **on** Patients.Patient_ID=Medical_Records.Patient_ID;

P_Name	Diagnosis	PrescribedMedici...
Rahul Sharma	Hypertension	Amlodipine
Priya Verma	Migraine	Sumatriptan
Amit Singh	Fracture	Painkillers
Sneha Kapoor	Skin Allergy	Hydrocortisone
Rohit Mehta	Fever	Paracetamol
Neha Joshi	Pregnancy Check	Vitamins
Varun Malhotra	Ear Infection	Amoxicillin
Ananya Sen	Diabetes	Insulin

- **SELECT** P_Age, COUNT(*) **AS** PatientCount
FROM Patients
GROUP BY P_Age
HAVING COUNT(*) <2;

P_Age	PatientCount
45	1
30	1
55	1
28	1
33	1
40	1
29	1
35	1

- **SELECT** P_Name, AdmissionDate,
COUNT(*) **OVER** () **AS** FebAdmissions
FROM Patients
WHERE MONTH(AdmissionDate) = 2 **AND** YEAR(AdmissionDate) = 2024;

P_Name	AdmissionDate	FebAdmissions
Rahul Sharma	2024-02-10	3
Sneha Kapoor	2024-02-22	3
Varun Malhotra	2024-02-05	3

- Select** Doctors.D_Name,Doctors.Specialization,Department.Location
from Doctors
join Department **on** Department.DepartmentID=Doctors.DepartmentID
where Department.Location **Like** '%1st Floor%' **OR** Department.Location **Like** '%2nd Floor%';

D_Name	Specialization	Location
Dr.Arjun Rao	Cardiology	Block A-1st Floor
Dr.Meera Das	Neurology	Block B-2nd Floor

- select** Patients.P_Name,Billing.TotalAmount
from Billing
join Patients **on** Billing.Patient_ID=Patients.Patient_ID
Order BY Billing.TotalAmount;

P_Name	TotalAmount
Rohit Mehta	2500
Priya Verma	3000
Neha Joshi	4000
Rahul Sharma	5000
Varun Malhotra	6000
Sneha Kapoor	7000
Ananya Sen	9000
Amit Singh	15000

- ```
select Patients.P_Name,Billing.TotalAmount
from Billing
join Patients on Billing.Patient_ID=Patients.Patient_ID
Order BY Billing.TotalAmount desc
Limit 1;
```

| P_Name     | TotalAmount |
|------------|-------------|
| Amit Singh | 15000       |