

a) SELECT d.name

FROM Doctors d

JOIN Visits v ON d.doctor_id = v.doctor_id

GROUP BY d.doctor_id, d.name

HAVING COUNT(DISTINCT v.patient_id) > 5;

b)

SELECT d.name, SUM(v.fee) AS total_revenue

FROM Doctors d

JOIN Visits v ON d.doctor_id = v.doctor_id

GROUP BY d.doctor_id, d.name;

c)

SELECT p.name, p.age

FROM Patients p

JOIN Visits v ON p.patient_id = v.patient_id

WHERE v.diagnosis = 'Diabetes'

ORDER BY p.age ASC

LIMIT 1;

d)

SELECT d.specialty

FROM Doctors d

JOIN Visits v ON d.doctor_id = v.doctor_id

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GROUP BY d.doctor_id, d.specialty
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ORDER BY SUM(v.fee) DESC
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LIMIT 1;
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e)

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SELECT p.name
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FROM Patients p
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LEFT JOIN Visits v ON p.patient_id = v.patient_id
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WHERE v.visit_id IS NULL;
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