

1) SELECT Pa.patientname, Count (A.patient_id)
FROM Patient Pa
JOIN Appointment A
ON Pa.patient_id = A.patient_id
GROUP BY Pa.patientname

2) SELECT Pa.patientname, Ph.name, N.nursename, A.examinationroom
FROM Patient Pa
JOIN Appointment A
ON Pa.patient_id = A.patient_id
JOIN Physician Ph
ON A.employee-id = Ph.employee-id
JOIN Nurse N
ON A.nurse-id = N.nurse-id
WHERE Start-date = '25th of December, 10 am'

3) SELECT Pa.patientname, Ph.name, Ph.position
FROM Patient Pa
JOIN Appointment A
ON Pa.patient_id = A.patient_id
JOIN Physician Ph
ON A.employee-id = Ph.employee-id
WHERE Ph.employee-id NOT IN (SELECT head
FROM Department)

4) SELECT Pa.patientname, Ph.name, N.nursename, Pr.procedurename, S.end_time,
r.room-number, r.blockfloor
FROM Patient Pa
JOIN Undergoes U
ON Pa.patient-id = U.patient-id
JOIN Physician Ph
ON Ph.employee-id = U.employee-id
JOIN Nurse N
ON N.nurse-id = U.nurse-id

JOIN procedure pr

ON pr.code = u.code

JOIN stay s

ON s.stay-id = u.stay-id

JOIN room r

ON r.room-number = s.room-number

II 1) SELECT C.countryname, L.city, count (C.countryname)

FROM Department D

JOIN Location L

ON D.locationid = L.locationid

JOIN Country C

ON L.countryid = C.countryid

WHERE D.departmentid IN (SELECT D.departmentid

FROM Department D

JOIN Employee E

ON E.departmentid = D.departmentid

GROUP BY D.departmentid

HAVING COUNT (D.departmentid) >= 2)

GROUP BY C.countryname, L.city

2) SELECT d.departmentname, avg (e.salary), count (e.employeeid)

FROM Employee e

JOIN Department D

ON D.departmentid = e.departmentid

GROUP BY d.departmentname

HAVING SUM (e.commission) <> 0

3) - manager name not found

- solution = employee table left join manager table

1) Select actor-id, actor-name, actor-gender

FROM Actor -

WHERE actor-id = ANY (SELECT MC.actor-id

FROM Movie-Cast MC

JOIN Movie M

ON MC.movie-id = M.movie-id

WHERE M.movie-title = "Titanic")

2) SELECT M.movie-title, max (P.rev-stars)

FROM Movie M

JOIN Rating R

ON M.movie-id = R.movie-id

GROUP BY M.movie-title

ORDER BY ASCENDING

3) SELECT M.movie-title

FROM Movie M

JOIN Movie-Cast MC

ON M.movie-title = MC.movie-title

WHERE MC.actor-id = ANY (SELECT actor-id

FROM Movie-Cast

GROUP BY actor-id

HAVING Count (actor-id) > 1)

GROUP BY M.movie-title