CS 315 Exam II Solutions

1- SELECT * FROM propertyforrent

WHERE propertyType='flat' AND rooms=4;

2- SELECT * FROM staff

WHERE position IN ('supervisor', 'manager')

3- SELECT propertyNo, ownerNo FROM propertyforrent

WHERE staffNo IS NULL

4- SELECT COUNT(staffNo) FROM staff

WHERE branchNo='B003';

5- SELECT branchNo

FROM staff

WHERE salary = (SELECT MIN(salary) FROM staff)

6- SELECT fName, lName, (SELECT AVG(salary) FROM staff) - salary

FROM staff

WHERE salary < (SELECT AVG(salary) FROM staff)

7- SELECT COUNT(staffNo) FROM staff

WHERE branchNo = (SELECT branchNo FROM branch WHERE street='163 Main st');

8- SELECT branchNo, COUNT(staffNo) FROM staff GROUP BY branchNo

9- SELECT fName, lName FROM client c JOIN viewing v ON c.clientNo = v.clientNo

WHERE v.viewDate='2008-05-24' AND comments IS NOT NULL

10- SELECT COUNT(DISTINCT clientNo)

FROM viewing

11- SELECT * FROM cd.members m JOIN cd.bookings b

ON m.memid=b.memid

WHERE m.zipcode IN (4321, 4130) AND b.starttime = '2012-09-19'

12- SELECT m.firstname, m.surname, r.firstname, r.surname

FROM cd.members m JOIN cd.members r ON m.recommendedby=r.memid

13- SELECT m.firstname, m.surname, name

FROM cd.members m JOIN cd.bookings b

ON m.memid = b.memid JOIN cd.facilities f

ON b.facid = f.facid

WHERE name LIKE'Tennis Court%'

14- SELECT COUNT(b.facid)

FROM cd.bookings b JOIN cd.facilities f

ON b.facid = f.facid

WHERE starttime = '2017-11-07' AND name LIKE 'Tennis%'