a.

SELECT r.name, r.type, r.url, l.first\_open\_date, l.manager, l.phone\_number, l.street\_address, l.hour\_open, l.hour\_close FROM Restaurant R

JOIN Location L ON R.restaurantid = L.restaurantid

WHERE R.restaurantid=1;

b.

SELECT m.name, m.category, m.description, m.price FROM menuitem M

WHERE m.restaurantid=1

ORDER BY m.category;

c.

SELECT l.manager, l.first\_open\_date FROM location l, restaurant r

WHERE r.restaurantid = l.restaurantid

AND r.type='mexican';

d.

SELECT DISTINCT m.name, l.manager, l.hour\_open, l.hour\_close, r.url FROM menuitem m, location l, restaurant r

WHERE m.restaurantid=1 AND l.restaurantid=1 AND r.restaurantid=1 AND m.price >= ALL (SELECT m2.price FROM menuitem m2 WHERE restaurantid=1);

e.

SELECT R.Type, M.Category, AVG(M.Price)

FROM MenuItem M, Restaurant R

GROUP BY R.Type, M.Category

ORDER BY R.Type, M.Category;

f.

SELECT R.UserID, S.Name, X.Name, COUNT(R.RestaurantID)

FROM Rater S, Rating R, Restaurant X

WHERE (R.RestaurantID = X.RestaurantID AND S.UserID = R.UserID)

GROUP BY R.UserID, S.Name, X.Name ORDER BY R.UserID;

g.

SELECT DISTINCT r.name, r.type,l.phone\_number FROM restaurant r

JOIN location l ON r.restaurantid = l.restaurantid

WHERE r.restaurantid NOT IN (SELECT ra.restaurantid FROM rating ra

WHERE ra.date\_submitted >= '2015-01-01'

AND ra.date\_submitted <= '2015-01-31');

h.

SELECT DISTINCT r.name, l.first\_open\_date, ra.date\_submitted FROM restaurant r, location l, rating ra

WHERE ra.staff < ALL (SELECT ra2.price FROM rating ra2 WHERE ra2.userid=7)

OR ra.staff < ALL (SELECT ra3.food FROM rating ra3 WHERE ra3.userid=7)

OR ra.staff < ALL (SELECT ra4.mood FROM rating ra4 WHERE ra4.userid=7)

OR ra.staff < ALL (SELECT ra5.price FROM rating ra5 WHERE ra5.userid=7)

OR ra.staff < ALL (SELECT ra6.staff FROM rating ra6 WHERE ra6.userid=7) ORDER BY ra.date\_submitted;

I:

SELECT r.type FROM restaurant r, rating ra

WHERE r.type=r.type AND

(SELECT SUM(ra.food) FROM rating ra, restaurant r

WHERE r.type=r.type) > ALL (

(SELECT SUM(ra2.food) FROM rating ra2, restaurant r2

WHERE r2.type=r2.type GROUP BY r2.type));

J:

SELECT R.Type, AVG(RA.Overall)

FROM Restaurant R, Rating RA

WHERE RA.RestaurantID = R.RestaurantID

GROUP BY R.Type;

K:

SELECT r.name, r.join\_date, r.reputation, ra.date\_submitted, re.name FROM rater r, rating ra

JOIN restaurant re ON re.restaurantid = ra.restaurantid

WHERE r.userid=ra.userid AND ra.food='5' AND ra.mood='5'

GROUP BY r.name, r.join\_date, r.reputation, ra.date\_submitted, re.name;

L:

SELECT r.name, r.reputation, ra.date\_submitted, re.name FROM rater r, rating ra

JOIN restaurant re ON re.restaurantid = ra.restaurantid

WHERE r.userid=ra.userid AND ra.food='5' OR ra.mood='5'

GROUP BY r.name, r.reputation, ra.date\_submitted, re.name;

M:

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n:

SELECT rater.name, rater.email FROM rater

WHERE

(SELECT ra1.price+ra1.food+ra1.mood+ra1.staff FROM rating ra1,rater rat1 WHERE ra1.userid=rat1.userid AND rat1.name=rater.name)

< ALL

(SELECT ra.price+ra.food+ra.mood+ra.staff FROM rating ra,rater rat WHERE rat.name='howzlife' AND ra.userid=rat.userid);

o:

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