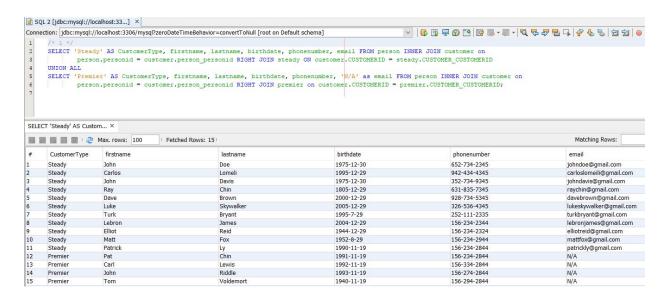
/* 1 */

SELECT 'Steady' AS CustomerType, firstname, lastname, birthdate, phonenumber, email FROM person INNER JOIN customer on

person.personid = customer.person_personid RIGHT JOIN steady ON customer.CUSTOMERID = steady.CUSTOMER_CUSTOMERID UNION ALL

SELECT 'Premier' AS CustomerType, firstname, lastname, birthdate, phonenumber, 'N/A' as email FROM person INNER JOIN customer on

person.personid = customer.person_personid RIGHT JOIN premier on customer.CUSTOMERID = premier.CUSTOMER_CUSTOMERID;



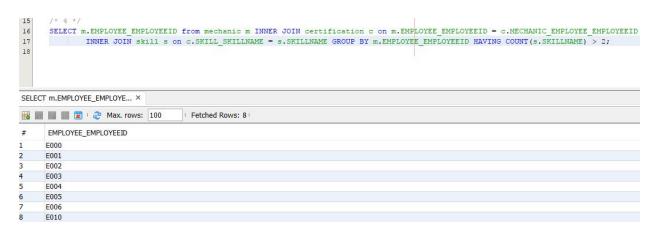
/* 2 */

SELECT customer.customerid, serviceappointment_appdate AS DateVisit,
SUM(totalcostofservice) AS TotalCostForVisit FROM customer
INNER JOIN serviceappointment ON customer.CUSTOMERID =
serviceappointment.CUSTOMER_CUSTOMERID INNER JOIN maintenancevisitorder ON
appdate = maintenancevisitorder.SERVICEAPPOINTMENT_APPDATE GROUP BY
customer.customerid, SERVICEAPPOINTMENT_APPDATE;

12 INNER JOIN serviceappointment 13 appdate = maintenancevisitorde	ointment_appdate A5 DateVisit, SUM(totaloustofservice) A5 Totalous DN customer.CUSTOMERID = servicespointment.CUSTOMER CUSTOMERID INN R.SERVICEAPPOINTMENT_APPDATE GROUP BY customer.customerid, SERVICEA	R JOIN maintenancevisitorder ON	
SELECT customer.customeri × Max. rows: 100 Fetched R	ows; 22	Matching Rows:	
# customerid	DateVisit	TotalCostForVisit	
1 C000	2015-04-13	TOURGOOD OF VIOL	1160
2 C000	2015-04-13		116.0 41.0
2 C000 3 C001	2015-04-30		75.0
4 C001	2016-04-13		75.0
5 C001	2017-04-13		150.0
6 C002	2016-04-12		100.0
7 C003	2017-04-12		60.0
8 C004	2016-12-13		260.0
9 C004	2017-04-23		260.0
10 C005	2015-04-13		116.0
11 C006	2016-03-13		30.0
12 C006	2017-05-13		30.0 40.0
13 C007	2015-06-13		50.0
14 C008	2017-04-13		150.0
15 C009	2015-08-13		60.0
16 C010	2015-07-13		75.0
17 C010	2016-08-13		75.0 75.0
18 C011	2017-01-13		85.0
19 C012	2017-02-13		260.0
20 C013	2016-09-13		215.0

/* 4 */

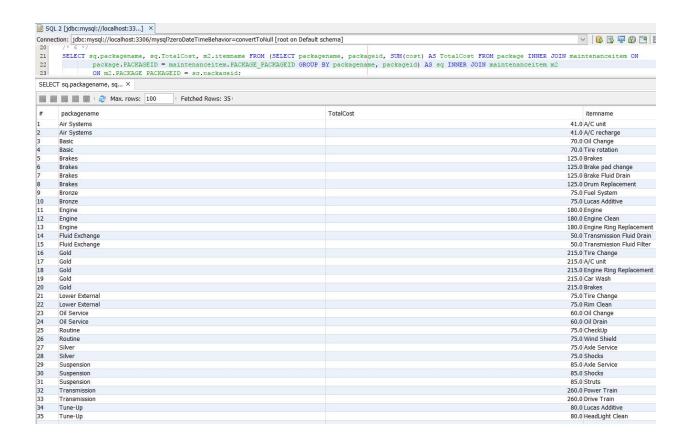
SELECT m.EMPLOYEE_EMPLOYEEID from mechanic m INNER JOIN certification c on m.EMPLOYEE_EMPLOYEEID = c.MECHANIC_EMPLOYEE_EMPLOYEEID INNER JOIN skill s on c.SKILL_SKILLNAME = s.SKILLNAME GROUP BY m.EMPLOYEE_EMPLOYEEID HAVING COUNT(s.SKILLNAME) > 2;



/* 6 */

SELECT sq.packagename, sq.TotalCost, m2.itemname FROM (SELECT packagename, packageid, SUM(cost) AS TotalCost FROM package INNER JOIN maintenanceitem ON package.PACKAGEID = maintenanceitem.PACKAGE_PACKAGEID GROUP BY packagename, packageid) AS sq INNER JOIN maintenanceitem m2

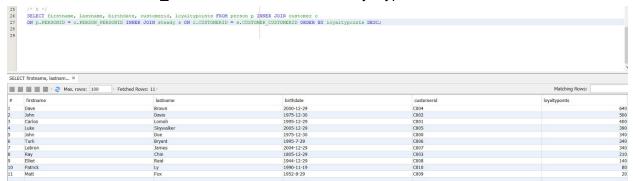
ON m2.PACKAGE_PACKAGEID = sq.packageid;



/* 8 */

SELECT firstname, lastname, birthdate, customerid, loyaltypoints FROM person p INNER JOIN customer c

ON p.PERSONID = c.PERSON_PERSONID INNER JOIN steady s ON c.CUSTOMERID = s.CUSTOMER_CUSTOMERID ORDER BY loyaltypoints DESC;



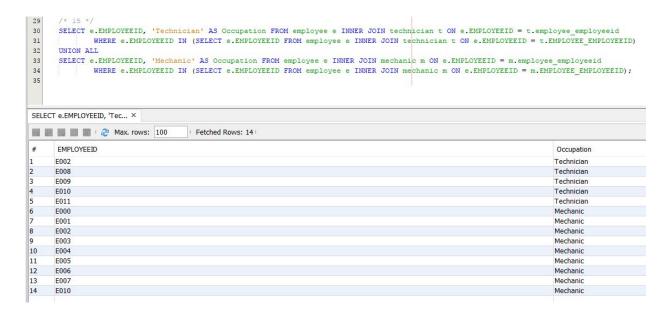
/* 15 */

SELECT e.EMPLOYEEID, 'Technician' AS Occupation FROM employee e INNER JOIN technician t ON e.EMPLOYEEID = t.employee_employeeid

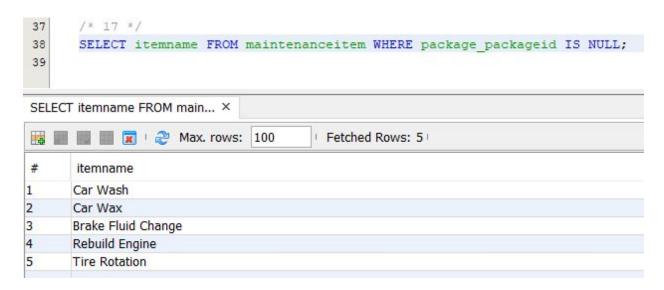
WHERE e.EMPLOYEEID IN (SELECT e.EMPLOYEEID FROM employee e INNER JOIN technician t ON e.EMPLOYEEID = t.EMPLOYEE_EMPLOYEEID)
UNION ALL

SELECT e.EMPLOYEEID, 'Mechanic' AS Occupation FROM employee e INNER JOIN mechanic m ON e.EMPLOYEEID = m.employee_employeeid

WHERE e.EMPLOYEEID IN (SELECT e.EMPLOYEEID FROM employee e INNER JOIN mechanic m ON e.EMPLOYEEID = m.EMPLOYEE_EMPLOYEEID);



/* 17 */
SELECT itemname FROM maintenanceitem WHERE package_packageid IS NULL;

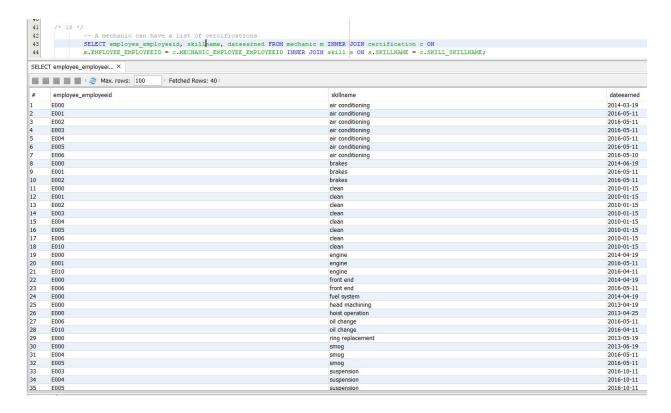


/* 18 */

-- A mechanic can have a list of certifications

SELECT employee_employeeid, skillname, dateearned FROM mechanic m INNER JOIN certification c ON

m.EMPLOYEE_EMPLOYEEID = c.MECHANIC_EMPLOYEE_EMPLOYEEID INNER JOIN skill s ON s.SKILLNAME = c.SKILL_SKILLNAME;



-- Technicians receive a Salary, Mechanics get paid on an hourly basis SELECT e.EMPLOYEEID, 'Salary' AS TypeOfPayment FROM employee e inner join technician t ON

e.EMPLOYEEID = t.EMPLOYEE_EMPLOYEEID

UNION

SELECT e.EMPLOYEEID, 'Hourly Rate' AS TypeOfPayment FROM employee e inner join mechanic m ON

e.EMPLOYEEID = m.EMPLOYEE_EMPLOYEEID;



-- Estimated Yearly Mileage must be 18 year-olds or older SELECT estimatedmileage FROM vehicle;

