SELECT CHARTER.CHAR\_TRIP, CREW.EMP\_NUM, EMPLOYEE.EMP\_LNAME, EMPLOYEE.EMP\_FNAME, CREW.CREW\_JOB

FROM CHARTER

INNER JOIN CREW ON CHARTER.CHAR\_TRIP = CREW.CHAR\_TRIP

INNER JOIN EMPLOYEE ON CREW.EMP\_NUM = EMPLOYEE.EMP\_NUM

ORDER BY CHARTER.CHAR\_TRIP;

SELECT CHARTER.CHAR\_TRIP, FORMAT (CHAR\_DATE, 'MM/dd/yy') AS CHAR\_DATE, CHAR\_DESTINATION, CHAR\_DISTANCE, CHAR\_HOURS\_FLOWN, CREW.EMP\_NUM, EMPLOYEE.EMP\_LNAME, EMPLOYEE.EMP\_FNAME, CREW.CREW\_JOB

FROM CHARTER

INNER JOIN CREW ON CHARTER.CHAR\_TRIP = CREW.CHAR\_TRIP

INNER JOIN EMPLOYEE ON CREW.EMP\_NUM = EMPLOYEE.EMP\_NUM

ORDER BY CHARTER.CHAR\_TRIP;

select c3.CUS\_CODE, c3.CUS\_FNAME, c3.CUS\_LNAME, c.CHAR\_TRIP, c.CHAR\_DATE, c.CHAR\_DESTINATION, c.CHAR\_DISTANCE, c.CHAR\_HOURS\_FLOWN ,c2.EMP\_NUM, e.EMP\_LNAME, e.EMP\_FNAME, c2.CREW\_JOB

from CHARTER c

join CREW c2 on c.CHAR\_TRIP = c2.CHAR\_TRIP

join EMPLOYEE e on e.EMP\_NUM = c2.EMP\_NUM

join CUSTOMER c3 on c.CUS\_CODE = c3.CUS\_CODE

order by c3.CUS\_CODE

SELECT MOD\_CODE, COUNT(\*) AS AircraftCount

FROM AIRCRAFT

GROUP BY MOD\_CODE;

SELECT CUSTOMER.CUS\_CODE, CONCAT(CUSTOMER.CUS\_FNAME, ', ', CUSTOMER.CUS\_LNAME) AS CustomerName, COUNT(\*) AS CharterCount

FROM CUSTOMER

INNER JOIN CHARTER ON CUSTOMER.CUS\_CODE = CHARTER.CUS\_CODE

GROUP BY CUSTOMER.CUS\_CODE, CUSTOMER.CUS\_LNAME, CUSTOMER.CUS\_FNAME;

SELECT CREW.EMP\_NUM, EMPLOYEE.EMP\_FNAME, EMPLOYEE.EMP\_LNAME, COUNT(\*) AS CharterCount

FROM CREW

INNER JOIN EMPLOYEE ON CREW.EMP\_NUM = EMPLOYEE.EMP\_NUM

GROUP BY CREW.EMP\_NUM, EMPLOYEE.EMP\_FNAME, EMPLOYEE.EMP\_LNAME;

SELECT LEFT(MOD\_CODE, 2) AS ModelPrefix, COUNT(\*) AS AircraftCount

FROM AIRCRAFT

GROUP BY LEFT(MOD\_CODE, 2);

**select** c.CHAR\_TRIP, c.CHAR\_DISTANCE, IIF(c.CHAR\_DISTANCE <= 1000, '<=1000', '>1000') **as** flag

**from** CHARTER c

**select** '<=1000' **as** distance,

**CAST**((**select** **COUNT**(\*) **from** CHARTER c2 **where** c2.CHAR\_DISTANCE <=1000) / **CAST**(**COUNT**(\*) **as** **FLOAT**) **as** **DECIMAL**(18,2)) **as** nbCharters

**from** CHARTER c

**UNION** **ALL**

**select** '>1000' **as** distance,

**CAST**((**select** **COUNT**(\*) **from** CHARTER c2 **where** c2.CHAR\_DISTANCE >1000) / **CAST**(**COUNT**(\*) **as** **FLOAT**) **as** **DECIMAL**(18,2)) **as** nbCharters

**from** CHARTER c

**select** c.AC\_NUMBER,

**cast**(**sum**(c.CHAR\_DISTANCE) **as** **DECIMAL**(18,0)) **as** totdistance\_flown,

**sum**(c.CHAR\_HOURS\_FLOWN) **as** tothrs\_flown,

**sum**(c.CHAR\_FUEL\_GALLONS) **as** fuel

**from** CHARTER c

**group** **by** c.AC\_NUMBER

**having** **sum**(c.CHAR\_HOURS\_FLOWN) > 15