**MGMT 582 – Group Project Part#4**

**Group #11**

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Q1

Query:  
SELECT DISTINCT RESERVATION.PS\_NAME, RESERVATION.PS\_PHONE, CF

FROM RESERVATION, (SELECT PS\_NAME, PS\_PHONE, COUNT(FLIGHT\_NO) AS CF

FROM RESERVATION

WHERE FL\_DATE BETWEEN #05-MAR-18# AND #07-MAR-18#

GROUP BY PS\_NAME, PS\_PHONE ) AS C

WHERE C.CF>=2

AND RESERVATION.PS\_NAME = C.PS\_NAME

AND RESERVATION.PS\_PHONE = C.PS\_PHONE

ORDER BY RESERVATION.PS\_NAME;

Output:

PS\_NAME PS\_PHONE CF

Lisa Adams 7657492200 2

Randall Jones 7654982879 3

Rob Ferris 7654964709 3

Sandra Jackson 6156666899 2

Tina Rice 6153298098 2

Q2

Query

SELECT PASSENGER.PS\_NAME, PASSENGER.PS\_PHONE, COUNT(RESERVATION.PS\_NAME) AS CF

FROM PASSENGER

LEFT JOIN RESERVATION

ON PASSENGER.PS\_NAME = RESERVATION.PS\_NAME

AND PASSENGER.PS\_PHONE = RESERVATION.PS\_PHONE

GROUP BY PASSENGER.PS\_PHONE, PASSENGER.PS\_NAME

ORDER BY PASSENGER.PS\_NAME;

Output

|  |  |  |
| --- | --- | --- |
| **PS\_NAME** | **PS\_PHONE** | **CF** |
| Alan Cooper | 7654493474 | 2 |
| Ben Stanley | 7654578155 | 1 |
| Beth Diaz | 7654996507 | 1 |
| Bob Kelso | 76546432477 | 0 |
| Brian Clayton | 7657506132 | 3 |
| Cory Cox | 7657574808 | 1 |
| Jacob Gray | 7326072066 | 0 |
| Kelly Dorian | 4107839339 | 0 |
| Lisa Adams | 7654721500 | 1 |
| Lisa Adams | 7657492200 | 2 |
| Pam Johnson | 7654721138 | 1 |
| Randall Jones | 7654982879 | 4 |
| Rob Ferris | 7654964709 | 3 |
| Sandra Jackson | 6156666899 | 2 |
| Sandy Taylor | 8454858855 | 0 |
| Sarah Green | 7322512332 | 0 |
| Sean Geller | 6153420044 | 1 |
| Shane McCormick | 7654479436 | 0 |
| Terry Reid | 8454545100 | 1 |
| Tina Rice | 6153298098 | 2 |

Q3

Query

SELECT DISTINCT CITY\_SRVD.CITYNAME, CITY\_SRVD.CITYCODE, NZ(X,0) AS ORIGIN, NZ(Y,0) AS DESTINATION, NZ(Z,0) AS INTERMEDIATE

FROM (

(CITY\_SRVD

LEFT JOIN (SELECT ORG\_CITYCODE, COUNT(FLIGHT\_NO) AS X FROM FLIGHT GROUP BY ORG\_CITYCODE) ORG

ON ORG.ORG\_CITYCODE=CITY\_SRVD.CITYCODE)

LEFT JOIN (SELECT DES\_CITYCODE, COUNT(FLIGHT\_NO) AS Y FROM FLIGHT GROUP BY DES\_CITYCODE) DEST

ON DEST.DES\_CITYCODE=CITY\_SRVD.CITYCODE)

LEFT JOIN (SELECT INT\_CITYCODE, COUNT(FLIGHT\_NO) AS Z FROM INT\_CITY GROUP BY INT\_CITYCODE) INTER

ON INTER.INT\_CITYCODE=CITY\_SRVD.CITYCODE

ORDER BY CITYNAME;

Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CITYNAME** | **CITYCODE** | **ORIGIN** | **DESTINATION** | **INTERMEDIATE** |
| Cincinnati | CVG | 1 | 0 | 0 |
| Cleveland | CLE | 1 | 1 | 3 |
| Columbus | CMH | 0 | 2 | 0 |
| Evansville | EVV | 1 | 0 | 0 |
| Ft Wayne | FWA | 1 | 0 | 1 |
| Indianapolis | IND | 2 | 1 | 1 |
| Lexington | LEX | 0 | 2 | 1 |
| Louisville | SDF | 1 | 1 | 0 |

