--Harpreet singh

--Display airport name, city, and country name for all airports

SELECT

name AS Airport\_Name,

city AS City,

(SELECT name

FROM countries

WHERE countries.id = airports.country\_id) AS Country\_Name

FROM

airports;

--List all routes that have a source airport of Lester B Pearson Intl

SELECT

routes.id AS Route\_ID,

airports.name AS Source\_Airport,

routes.airline\_id AS Airline\_ID,

routes.codeshare AS Codeshare

FROM

routes

JOIN

airports ON routes.source\_airport\_id = airports.id

WHERE

airports.name = 'Lester B Pearson Intl';

--List distinct airport and airline names for routes with a source airport of Lester B Pearson Intl

SELECT DISTINCT

airports.name AS Source\_Airport,

airlines.name AS Airline\_Name

FROM

routes

JOIN

airports ON routes.source\_airport\_id = airports.id

JOIN

airlines ON routes.airline\_id = airlines.id

WHERE

airports.name = 'Lester B Pearson Intl';

--List all aircraft for each airline with routes starting at Lester B Pearson Intl

SELECT DISTINCT

airports.name AS Source\_Airport,

airlines.name AS Airline\_Name,

aircrafts.description AS Aircraft\_Description

FROM

routes

JOIN

airports ON routes.source\_airport\_id = airports.id

JOIN

airlines ON routes.airline\_id = airlines.id

JOIN

route\_aircrafts ON routes.id = route\_aircrafts.route\_id

JOIN

aircrafts ON route\_aircrafts.aircraft\_id = aircrafts.id

WHERE

airports.name = 'Lester B Pearson Intl';

--Select all airports in Canada with an elevation of 0

SELECT

airports.name AS Airport\_Name,

airports.city AS City

FROM

airports

WHERE

country\_id = (SELECT id FROM countries WHERE name = 'Canada')

AND elevation = 0;

--Select all airlines in France with an active status of 'Y

SELECT

airlines.name AS Airline\_Name

FROM

airlines

WHERE

country\_id = (SELECT id FROM countries WHERE name = 'France')

AND active = 'Y';