**שם קורס :מבוא לבסיסי נתונים**

**עבודה בנושא שאילתות SQL**

**שם מרצה : ילנה קליימן**

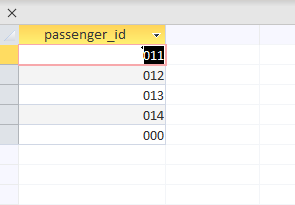
**מגיש: איתי גוטליב**

**1**

**SELECT B.passenger\_id**

**FROM Flights AS F, Bookings AS B**

**WHERE F.flight\_id=B.flight\_id and F.destination\_city='Washington' and F.source\_city='San Francisco';**

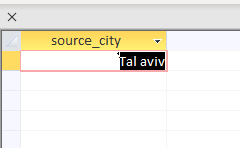
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**2**

**SELECT DISTINCT F1.source\_city**

**FROM Flights AS F1, Flights AS F2**

**WHERE F1.source\_city=F2.source\_city and F2.destination\_city='Newark' and F1.destination\_city='Honolulu';**

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**3**

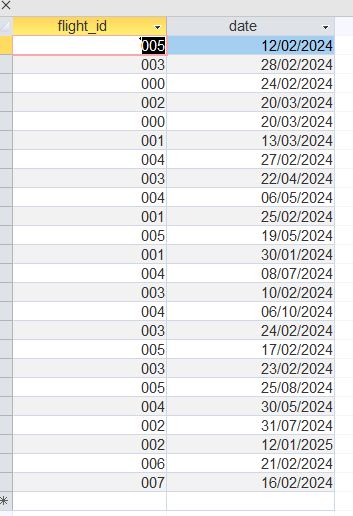
**SELECT D.flight\_id, D.date**

**FROM Departures AS D**

**WHERE ((not exists (Select D.flight\_id,D.date**

**From Bookings B**

**;((( where D.flight\_id=B.flight\_id and D.date=B.date**

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**4**

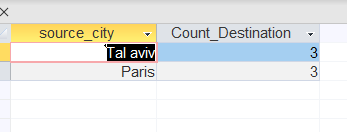
**SELECT Flights.source\_city, Count(Flights.destination\_city) AS Count\_Destination**

**FROM Flights**

**GROUP BY Flights.source\_city**

**HAVING (((Count(destination\_city))>2))**

**ORDER BY Count(Flights.destination\_city) DESC;**

****

**5**

**SELECT passenger\_id, date**

**FROM Bookings**

**GROUP BY passenger\_id, date**

**HAVING COUNT(date) >= ALL (Select COUNT(date) From Bookings**

**;( group by passenger\_id,date**

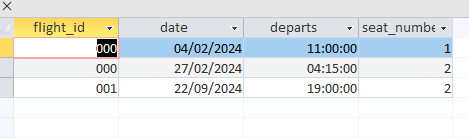
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**6**

**SELECT DISTINCT B1.flight\_id, B1.date, B1.departs, B1.seat\_number**

**FROM Bookings AS B1, Bookings AS B2**

**WHERE B1.passenger\_id<>B2.passenger\_id and B1.flight\_id=B2.flight\_id and B1.date=B2.date and B1.departs=B2.departs and B1.arrives=B2.arrives and B1.seat\_number=B2.seat\_number;**

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**7**

**SELECT Bookings.flight\_id, Count(Bookings.passenger\_id) as count\_Passenger**

**FROM Bookings**

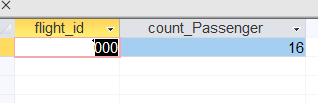
**GROUP BY Bookings.flight\_id**

**HAVING (((Count(Bookings.[passenger\_id]))>=All (select count(passenger\_id)**

**From Bookings**

**group by(flight\_id))));**

**הנחה – אם נוסע לקח x פעמים את הטיסה y אז ב-y יהיו x נוסעים יותר**

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**8**

**SELECT P.pilot\_name**

**FROM Pilots AS P**

**WHERE P.salary/12 < (Select min(price)**

**from Flights F**

**Where F.source\_city="Paris" and F.destination\_city="Madrid");**

