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Midterm Test

2022-06-23

Part-A[6marks]

All questions below are based on the tables in the JustLeedatabase

1. List name, city, state and zipcode of those customers who are from state Florida (i.e., FL) [1mark]

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1. Add a new row in the ORDERStable with the following data: Order#=1021, customer#=1010, and order date = June 24, 2022 [1 mark] Text

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1. Add a new row in the ORDERStable with the following data: Order#=1023, customer#=3000, and order date = June 23, 2022. Describe the error raised and what causedthe error. How to fix the error? [2mark]

* The error is: integrity constraint (COMP122\_M22\_MZ\_19.ORDERS\_CUSTOMER#\_FK) violated – parent key not found. The reason for causing the error is because the insert value is not matching the primary key.
* To fix error, I should add a primary key or drop a foreign key.

1. Modify the shipping zip code on order 1003 to 32307, and save the change permanently to the database [2 marks]

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5) Create table RoomReservation for hotel management system[[6marks]]

a. Assume that the hotel classify rooms by the number or size of beds In the room, and there are only 6room types: Queen, King, Twin, Hollywood twin, Double-double and Studio. Therefore, apply check constraints on RoomType column;

b.ReservationID is the primary key

c. GuestEmail should not be NULL

d. Departure date should not be earlier than the arrival date

e. Name all constraints properly

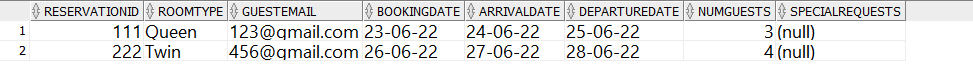
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1. Insert two rows to the newly created table[2 marks]

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1. Alter the table by adding guest name and guest address [1mark]

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