

INMB201 - SQL Revision Exercise

Consider the Billionaires Club database tables (Table 1- 3) below and answer the questions that follow.

Table 1: Member

Member_Num	Member_Name	Member_ResAddress	Member_EmailAddress
200	Sameer Bhagwandeem	95 Ocean View	bhangwandeens@oceanica.co.za
203	Andiswa Cele	39 Golden Crest	andiswadosi@diamonds.co.za
204	Kuleji Kayembe	22 Suncoast Views	kkayembe@roboticsdevs.co.za
209	Thandolwethu Bhengu	101 Diamond Pearls Crescent	thando_b@megadevelopers.co.za
300	Ryleigh Sharpley	205 Hillcrest Meadows	ryleighs@ryleighconsultings.co.za
301	Asanda Zulu	909 The Cresnet	asandakandabazulu@roboticsacademy.ac.za
305	Sanelisiwe Thwala	55 Ballito Hills	kathwala@womenofstature.org
307	Muhammed Ebrahim	1215 Zimbali Estate	ebrahim@drones4u.co.za
308	Justine Jacobs	1905 Zimbali Sands	jacobs@justinejay.co.za
320	Tamiya Peters	35 Hillside Groves	tpeters@tamiyangelincoorporated.co.za

Table 2: Dinner

Dinner_Code	Dinner_Description	Dinner_Price
D15	Pan seared duck breast and rabbit delight	990.95
D22	Fugu Fish Delight	2995.95
D23	Oysters, salmon and octopus delight	1450.95
D24	African delight	950.95
D25	Lobster delight	1285.00
D26	Springbok loin delight	850.95
D27	Glowing sea delight	1755.95
D29	Crab da mer delight	1550.95

Table 3: Invitation

Invite_Num	Member_Num	Dinner_Code	Invite_Date	Invite_AcceptDate	Invite_AttendDate
1	204	D29	2023-03-15	2023-03-21	2023-03-27
2	203	D23	2023-03-17	2023-03-24	2023-03-29
3	300	D29	2023-03-20	2023-03-31	2023-04-15
4	307	D23	2023-03-15	2023-03-22	2023-03-25
5	305	D15	2023-03-15	2023-03-18	2023-03-27
6	307	D23	2023-03-15	2023-03-22	2023-04-27
7	320	D22	2023-04-02	2023-04-10	2023-04-27

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The following questions are based on the above database tables.

1. Write an SQL code to create the Billionaires Club database.
2. Use the Billionaires Club database and write an SQL code to create the tables (Table 1-3) shown above.
3. Write an SQL code to add the information shown in Tables 1–3 above.
4. Write an SQL code to add the details of member 319 named “Jawaad Omar” residing at 99 Ocean Sands whose email is jawo@roboticsdevs.co.za.
5. A member named “Tamiya Peters” changed the dinner attendance date to 01 May 2023. Effect the changes accordingly.
6. Write an SQL code to display the names of the Billionaires Club members who live in Zimbali. Results must be in descending order of member names.
7. Write an SQL code to display the most expensive dinner.
8. A member named Sameer Bhagwandeem moved to the Trillionaires Club. Write an SQL code to remove Sameer from the Billionaires Club database.