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**Assignment -2**

Create a following table **customer.**

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| **Column Name** | | **Data Type** | | **Constraints** | | **Description** | |
| **Cust\_id** | | INT | | PRIMARY KEY | | Unique customer identifier. | |
| **Cust\_name** | | VARCHAR(100) | | NOT NULL | | Customer's full name. | |
| **Cust\_email** | | VARCHAR(255) | | UNIQUE | | must be unique) | |
| **Contact\_no** | | VARCHAR(15) | | CHECK(LENGTH(Contact\_no) BETWEEN 10 AND 15) | | Customer's contact number (10-15 digits). | |
| **Country** | | VARCHAR(50) | |  | | Customer's country. | |
| **Join\_date** | | DATE | |  | |  | |
| **Total\_spent** | | INT | | CHECK (Total\_spent >= 0) | | Total amount the customer has spent. Cannot be negative. | |
| Insert Data on **customer** table. | | | | | | | |
| **Cust\_id** | **Cust\_name** | | **Cust\_email** | **Contact\_no** | **Country** | **Join\_date** | **Total\_spent** |
| 201 | Alice | | alice@example.com | 9876543210 | USA | 2022-01-15 | 4500 |
| 202 | Bob | | bob@example.com | 9988776655 | UK | 2021-11-20 | 6000 |
| 203 | Charlie | | charlie@example.com | 9123456780 | Canada | 2020-09-10 | 5500 |
| 204 | Diana | | diana@example.com | 9876501234 | Australia | 2023-03-25 | 7000 |
| 205 | Eve | | eve@example.com | 9988001122 | India | 2021-06-05 | 3000 |

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**Perform the Following Queries.**

1. Find customers who spent more than 5,000.
2. Retrieve customers who joined after '2021-01-01'.
3. Display customers whose total spending is between 3,000 and 6,000.
4. Retrieve customers from the UK or Canada.
5. Find customers who spent more than 6,000 and joined after 2021-01-01.
6. Get customers who are not from Australia.
7. Retrieve customers whose names start with 'A'.
8. Find customers whose email contains 'example'.
9. **Get customers who are from countries in ('India', 'Australia', 'Canada').**
10. Add a 10% discount to the total spent by each customer and display the result**.**