|  |
| --- |
| Customer |
| Cust\_id PK |
| Cust\_name |
| Cust\_dob |
| Cust\_address |
| Cust\_phone |
| Cust\_gender |
| Cust\_city  Cust\_state  Cust\_Email |

|  |
| --- |
| Product |
| Product\_id PK |
| Product\_name |
| Product\_price  Product\_cost |
|  |

1:M 1:M

|  |
| --- |
| Sales |
| Sale\_id PK |
| Sale\_date |
| Sale\_qty |
| Sale\_discount |
| Cust\_id FK |
| Prod\_id FK |

**Create the tables and Insert 10 records to Customer and Product table, 25 records to sales table**

1. Display customer name, city for all the customers
2. Display Customer name, city for all the male customers and order by customer city in reverse order
3. Display the customer details whose name starts with ‘S’
4. Display product name of all the products whose price is in the range of 1000 and 2000
5. Display customer names of all the customers whose city is Bangalore or Chennai
6. Query to display customers whose name does not start with ‘S’
7. Query to display products whose name ends with ‘A’
8. Alter the product table and add category column to it
9. Display the products that has product names starting in either ‘A’ or ‘S’
10. Display the female customers whose phone numbers are not updated
11. Display customers who are not from “Chennai”
12. Display the products whose price is not in the range of 2000 and 5000
13. Display male customers who are from “Bangalore” or “Mumbai”
14. Display products whose profit is greater than 5000

(Profit: Product\_price-Product\_cost)

1. List the product name, cost, price, profit and percentage of profit we get in each product

(Profit: Product\_price-Product\_cost)

1. Rename Product\_price to price and Product\_cost to cost
2. Drop Cust\_Email column from the customer table
3. Drop Sales table