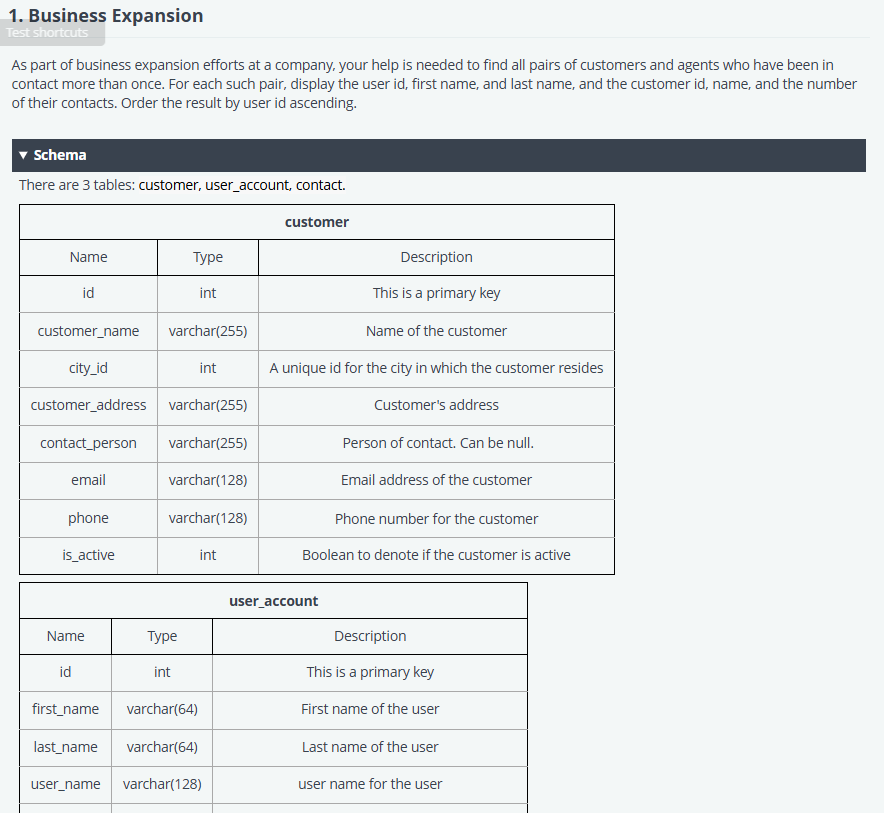
# Business Expansion



/\*

Enter your query below.

Please append a semicolon ";" at the end of the query

\*/

SELECT

     contact.user\_account\_id,

     user\_account.first\_name,

     user\_account.last\_name,

     contact.customer\_id,

     customer.customer\_name,

     count(\*) as numbers

FROM

     contact as contact

JOIN

     user\_account as user\_account

ON

     contact.user\_account\_id = user\_account.id

JOIN

     customer as customer

ON

     contact.customer\_id = customer.id

WHERE (contact.user\_account\_id, contact.customer\_id) IN (

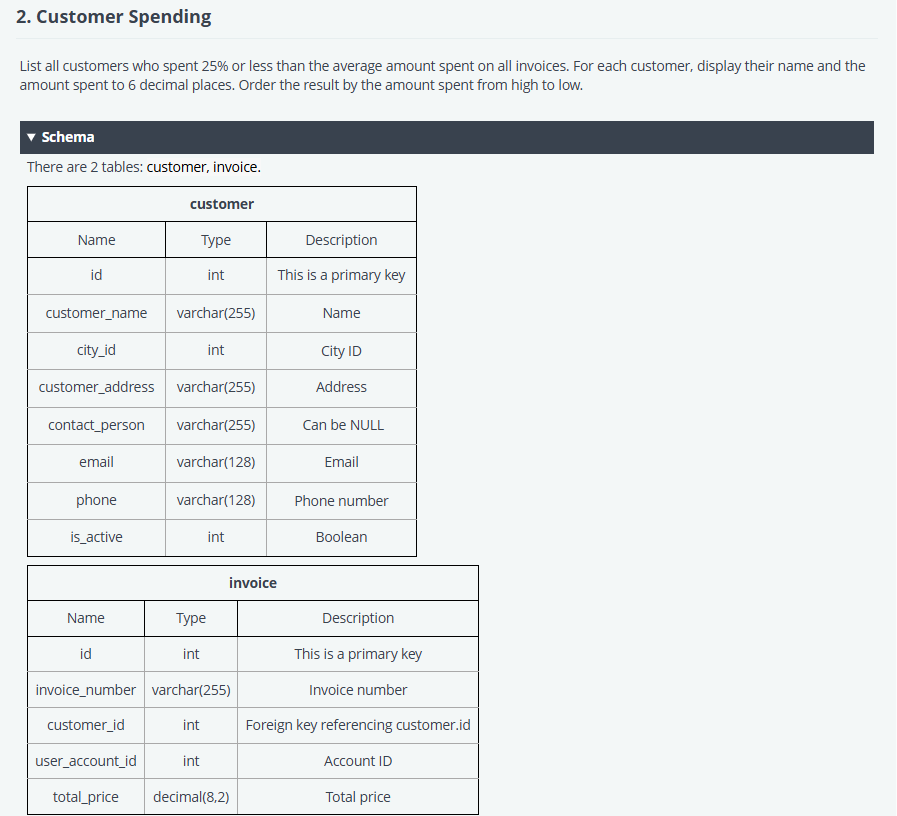
    SELECT user\_account\_id, customer\_id FROM contact GROUP BY user\_account\_id, customer\_id HAVING count(\*) > 1

)

GROUP BY

    contact.user\_account\_id ,contact.customer\_id, user\_account.first\_name, user\_account.last\_name, customer.customer\_name;

# Customer Spending



/\*

Enter your query below.

Please append a semicolon ";" at the end of the query

\*/

WITH avg\_spending AS (

    SELECT AVG(total\_price) AS avg\_amount

    FROM invoice

),

customer\_spending AS (

    SELECT

        c.customer\_name,

        SUM(i.total\_price) AS total\_spent

    FROM customer c

    JOIN invoice i ON c.id = i.customer\_id

    GROUP BY c.id, c.customer\_name

)

SELECT cs.customer\_name, FORMAT(cs.total\_spent, 6) AS total\_spent  -- Use FORMAT() for 6 decimal places

FROM customer\_spending cs, avg\_spending avg

WHERE cs.total\_spent <= 0.25 \* avg.avg\_amount

ORDER BY cs.total\_spent DESC;