List all customers name who ever placed an order

SELECT DISTINT name

FROM customer

WHERE customer\_id IN (SELECT customer\_id FROM orders)

List all customers who never place an order

SELECT customer\_id, name

FROM customer

WHERE NOT EXISTS

(SELECT \* FROM orders WHERE orders.cuistomer\_id = customer.customer\_id)

List all customers who place more than 1 order

SELECT customer, customer\_id, name

FROM customer

WHERE customer, customer\_id IN

(SELECT orders.customer\_id FROM orders GROUP BY

Orders.customer\_id HAVING COUNT(\*) > 1)

List the greatest amount from each customer

SELECT orders.customer\_id, MAX(amount) AS largest

FROM orders JOIN customer

ON orders.customer\_id = customer.customer\_id

GROUP BY orders.customer\_id

Correlated query

SELECT o\_main.customer\_id, name amount

FROM orders o\_main JOIN customer

ON o\_main.customer\_id = customer.customer\_id

WHERE amount = (SELECT MAX(amount)

FROM order o\_sub

WHERE o\_main.customer\_id = o\_sub.customer\_id)

Sum of the largest order from each customer

WITH largestALL AS

(SELECT o\_main.customer\_id, name amount

FROM orders o\_main JOIN customer

ON o\_main.customer\_id = customer.customer\_id

WHERE amount = (SELECT MAX(amount)

FROM order o\_sub

WHERE o\_main.customer\_id = o\_sub.customer\_id))

SELECT SUM(largest)

FROM largestALL