SELECT sales.item, sales.description,sales.vendor, products.proof

FROM sales

INNER JOIN products ON sales.item=products.item\_no

LIMIT 100;

------------------

SELECT sales.item, sales.description,sales.vendor, products.proof

FROM sales

LEFT JOIN products ON sales.item=products.item\_no

LIMIT 100;

------------------

SELECT sales.item, sales.description,sales.vendor, products.proof

FROM sales

RIGHT JOIN products ON sales.item=products.item\_no

LIMIT 100;

---------------------

SELECT sales.item, sales.description,sales.vendor, products.proof

FROM sales

FULL OUTER JOIN products ON sales.item=products.item\_no

LIMIT 100;

------------------

SELECT vendor\_name

FROM products

EXCEPT

SELECT name

FROM stores;

-------------------------------

SELECT stores.store, stores.store\_status, stores.store\_address,

sales.total

FROM stores

LEFT JOIN sales

USING (store)

WHERE stores.store\_status = 'I' OR stores.store\_status IS NULL;

----------------

SELECT s.store, s.store\_status, s.store\_address,

ss.total

FROM stores s

LEFT JOIN sales ss

USING (store)

WHERE s.store\_status = 'I' OR s.store\_status IS NULL;

-------------------------------

SELECT s.store, s.store\_status, s.store\_address,

ss.total

FROM stores s

LEFT JOIN sales ss on ss.store = s.store

WHERE s.store\_status = 'I' OR s.store\_status IS NULL;

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/\* Q1 \*/

SELECT \*

FROM sales a

INNER JOIN stores b

USING (store)

WHERE b.store\_status = 'A';

/\* Using AVG, GROUP BY and an ORDER \*/

SELECT a.vendor, ROUND(AVG(a.total),2) AS average\_sale, b.store\_address

FROM sales a

INNER JOIN stores b

USING (store)

WHERE b.store\_status = 'A'

GROUP BY a.vendor,b.store\_address

ORDER BY 2 DESC

LIMIT 10;

/\* Q2 \*/

SELECT \*

FROM sales b

WHERE b.category\_name LIKE '%TEQUILA%';

/\* Q3 \*/

SELECT item\_description

FROM products a

LEFT JOIN sales b on a.item\_no = b.item

WHERE a.category\_name LIKE '%TEQUILA%'

AND b.store IS NULL;

/\* Q4 \*/

SELECT DISTINCT ON (a.category\_name) a.category\_name, b.store\_address

FROM sales a

INNER JOIN stores b

USING (store)

WHERE b.store\_address LIKE '%Mason City%';

/\* Q5 \*/

SELECT DISTINCT a.description, a.category\_name

FROM sales a

INNER JOIN stores b

USING (store)

WHERE b.store\_address LIKE '%Mason City%'

AND a.category\_name LIKE '%SCOTCH WHISKIES%';

/\* Q6 \*/

SELECT DISTINCT a.description, a.category\_name

FROM sales a

INNER JOIN stores b

USING (store)

WHERE b.store\_address LIKE '%Mason City%'

AND a.category\_name NOT LIKE '%WHISKIES%';

/\* Q7 \*/

SELECT a.description

FROM sales a

EXCEPT

SELECT b.item\_description

FROM products b;

/\* Q8 \*/

SELECT store

FROM sales

EXCEPT

SELECT store

FROM stores;