-- Ques1. Get all the products available in the market

select product\_name,product\_id

FROM `jason-farmers-market-441508.farmers\_market.product`

-- fetch specific columns from product table, id, name and size

select product\_id,product\_name,product\_size

from `jason-farmers-market-441508.farmers\_market.product`

--Explore vendor\_booth\_assignments. List down 10 rows of

-- vendor\_booth\_assignments displaying the market\_date, vendor ID, booth number.

SELECT market\_date,vendor\_id,booth\_number

FROM `jason-farmers-market-441508.farmers\_market.vendor\_booth\_assign`

LIMIT 10

----skip 2 records and display next 10 records

SELECT \*

FROM `jason-farmers-market-441508.farmers\_market.vendor\_booth\_assign`

LIMIT 10 OFFSET 2

-- Sort the VBA data by market\_date, if market\_date is same,sort the rows in descending order of vendor and limit the

-- output to 20 rows

SELECT \*

FROM `jason-farmers-market-441508.farmers\_market.vendor\_booth\_assign`

ORDER BY market\_date ASC, vendor\_id DESC

LIMIT 20

-- Ques 5 In the customer purchases, we have quantity and cost per qty

-- separate, query the total amount that the customer has paid along with

-- date, customer id, vendor\_id, qty, cost per qty and the total amt.?

SELECT market\_date,customer\_id,vendor\_id,quantity,cost\_to\_customer\_per\_qty, round(quantity\*cost\_to\_customer\_per\_qty,2) as total\_amt

FROM `jason-farmers-market-441508.farmers\_market.customer\_purchases`

--- FILTERS AND SUBQUERIES

-- We want to merge each customer’s name into a single column that contains the first name, then a space, and then the last name

SELECT \*,CONCAT(customer\_first\_name," ",customer\_last\_name) AS full\_name

FROM `jason-farmers-market-441508.farmers\_market.customer`

--Display the first name and first character of the last name

SELECT \*,CONCAT(customer\_first\_name," ",SUBSTR(customer\_last\_name, 1, 1)) AS full\_name

FROM `jason-farmers-market-441508.farmers\_market.customer`

-- Capitalise (first letter capitalise) the full\_name of the customers

SELECT UPPER(customer\_first\_name)

FROM `jason-farmers-market-441508.farmers\_market.customer`

SELECT CONCAT(UPPER(SUBSTR(customer\_first\_name,1,1)),LOWER(SUBSTR(customer\_first\_name,2))," ",LOWER(customer\_last\_name)) AS FULL\_NAME

FROM `jason-farmers-market-441508.farmers\_market.customer`

SELECT \*,CONCAT(INITCAP(customer\_first\_name)," ",LOWER(customer\_last\_name)) AS FULL\_NAME

FROM `jason-farmers-market-441508.farmers\_market.customer`

-- Filtering - Taking a subset of rows based on a condition

-- Extract all the product names that belong to product category 1

SELECT product\_name

FROM `jason-farmers-market-441508.farmers\_market.product`

WHERE product\_category\_id = 1

--Print a report of everything the customer\_id 4 has ever purchased at the market,and sort this data by date

SELECT customer\_id,product\_id,market\_date,quantity,cost\_to\_customer\_per\_qty,round(quantity\*cost\_to\_customer\_per\_qty,2) as total\_amount

FROM `jason-farmers-market-441508.farmers\_market.customer\_purchases`

WHERE customer\_id = 4

ORDER BY market\_date ASC