```sql
#Question: Get all the products available in the market.


select * from farmer_market.product;

#Question: Get all the products available in the market sorted by product_id?

select * from `scaler-dsml-sql-373609.farmer_market.product`
order by product_id desc;

#Question: Extract all the product names that are part of product category 1

select * from `scaler-dsml-sql-373609.farmer_market.product`
where product_category_id = 1;


#Question: Print a report of everything the customer_id 4 has ever purchased at the
market, sorted by date. Add total_amt column as well for each purchase.

select
  customer_id,
  vendor_id,
  market_date,
  quantity,
  cost_to_customer_per_qty,
  ROUND(quantity * cost_to_customer_per_qty,2) as total_amt ,
 from `scaler-dsml-sql-373609.farmer_market.customer_purchases`
where customer_id =4
order by market_date;

#Question: Get all the product info for products with id between 3 and 8 (not
inclusive) and of products with id 10.

select * from `scaler-dsml-sql-373609.farmer_market.product`
where (product_id > 3 and product_id < 8) OR product_id = 10;

#Question: Return a list of customers with the following last names: [Diaz,
Edwards, Wilson]

select * from `scaler-dsml-sql-373609.farmer_market.customer`
where customer_last_name = 'Diaz'
OR customer_last_name = 'Edwards'
OR customer_last_name = 'Wilson';


select * from `scaler-dsml-sql-373609.farmer_market.customer`
where customer_last_name IN ('Diaz','Edwards','Wilson')

#Question: You want to get data about a customer you knew as Jerry but you are not
sure if they are listed as Jeremy or Jeremiah or Jerry. Get all customers whose
name starts with “jer”.
```

```sql
select * from farmer_market.customer
where lower(customer_first_name) like '%jer%'

#Question: Find all of the products from the product table which don't have sizes
mentioned.

select * from `scaler-dsml-sql-373609.farmer_market.product`
where product_size is null or trim(product_size) = "";


#Question: Analyze purchases made at the market on days when it rained.



select
product_id,
vendor_id,
market_date,
customer_id,
ROUND(quantity * cost_to_customer_per_qty,2) as total_amt
from `scaler-dsml-sql-373609.farmer_market.customer_purchases`
where market_date IN
(
select market_date from `scaler-dsml-sql-373609.farmer_market.market_date_info`
where market_rain_flag =1 and market_day = ''
);


#Question: List down all the product details where product_category_name contains
"Fresh" in it.


select * from `scaler-dsml-sql-373609.farmer_market.product`
where product_category_id IN
(
select product_category_id from `scaler-dsml-sql-
373609.farmer_market.product_category`
where lower(product_category_name) like  '%fresh%'
)


#Question: Find out which vendors primarily sell fresh products and which don't.


select vendor_id,vendor_name,vendor_type,
  CASE
      WHEN lower(vendor_type) like '%fresh%' THEN 'Fresh Produce'
      ELSE 'Other Produce'
  END as vendor_category
 from `scaler-dsml-sql-373609.farmer_market.vendor`
```