

```
#
select
    market_date,
    customer_id,
    vendor_id,
    quantity,
    cost_to_customer_per_qty,
    CEIL(quantity * cost_to_customer_per_qty) as total_amt,
    FLOOR(quantity * cost_to_customer_per_qty) as total_amt_floor
from
farmer_market.customer_purchases;
```

#Question: 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 cust_full_name,
    customer_id
from farmer_market.customer;
```

#Question: In a customer's full_name, we want the first_name to be in upper case followed by the last_name as it is.

```
select
    concat(upper(customer_first_name), ' ', lower(customer_last_name)) as
cust_full_name,
    customer_id
from farmer_market.customer;
```

```
select
    customer_id,
    concat
    (
concat(lower(substring(customer_first_name,1,1)),upper(substring(customer_first_name,2))), ' ',
concat(lower(substring(customer_last_name,1,1)),upper(substring(customer_last_name,2)))
    ) as customer_dynamic_name
from
farmer_market.customer;
```

#Question: Extract all the product names that are part of product category 1
b.not in 1
c for product category which is having id greater than 5;

```
select
*
from farmer_market.product
```

```
where product_category_id <> 1;
```

```
select
*
from farmer_market.product
where product_category_id > 5;
```

#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
*,
ROUND(quantity * cost_to_customer_per_qty,2) as total_amt
from
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 farmer_market.product
where (product_id > 3 AND product_id < 8) OR product_id = 10;
```

```
select
*
from farmer_market.product
where (product_id between 4 and 7) OR product_id = 10;
```

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

```
select * from farmer_market.customer
where customer_last_name = 'Diaz'
OR customer_last_name = 'Edwards'
OR customer_last_name = 'Wilson';
```

```
select * from 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".

