

Question: List `all` the products along `with` their product category name.

```
--using left join
```

```
select
```

```
    p.product_id,  
    p.product_name,  
    p.product_category_id,  
    pc.product_category_name
```

```
from `market.product` as p
```

```
left join `market.product_category` as pc
```

```
on p.product_category_id = pc.product_category_id
```

```
-- right join
```

```
select
```

```
    p.product_id,  
    p.product_name,  
    p.product_category_id,
```

```
pc.product_category_name
from `market.product` as p
left join `market.product_category` as pc
using (product_category_id)

select
p.product_id,
p.product_name,
p.product_category_id,
pc.product_category_name
from `market.product_category` as pc
right join `market.product` as p
on p.product_category_id = pc.product_category_id
```

-- Question: Get a list of customers' zip codes
for customers who made a purchase on 2019-04-06.

```
select
distinct cp.customer_id, c.customer_zip
from `market.customer` as c
```

```
inner join `market.customer_purchases` as cp
on c.customer_id = cp.customer_id
where cp.market_date = "2019-04-06"
```

```
-- customer_id
```

```
-- cust_id
```

```
select
```

```
    distinct cp.customer_id, c.customer_zip
```

```
from `market.customer` as c
```

```
inner join `market.customer_purchases` as cp
```

```
using (customer_id)
```

```
where cp.market_date = "2019-04-06"
```

```
-- select * from vegetables
```

```
-- UNION DISTINCT
```

```
-- select * from fruits
```

-- Question: Find out the customers who are either new to the market or have deleted their account from the market.