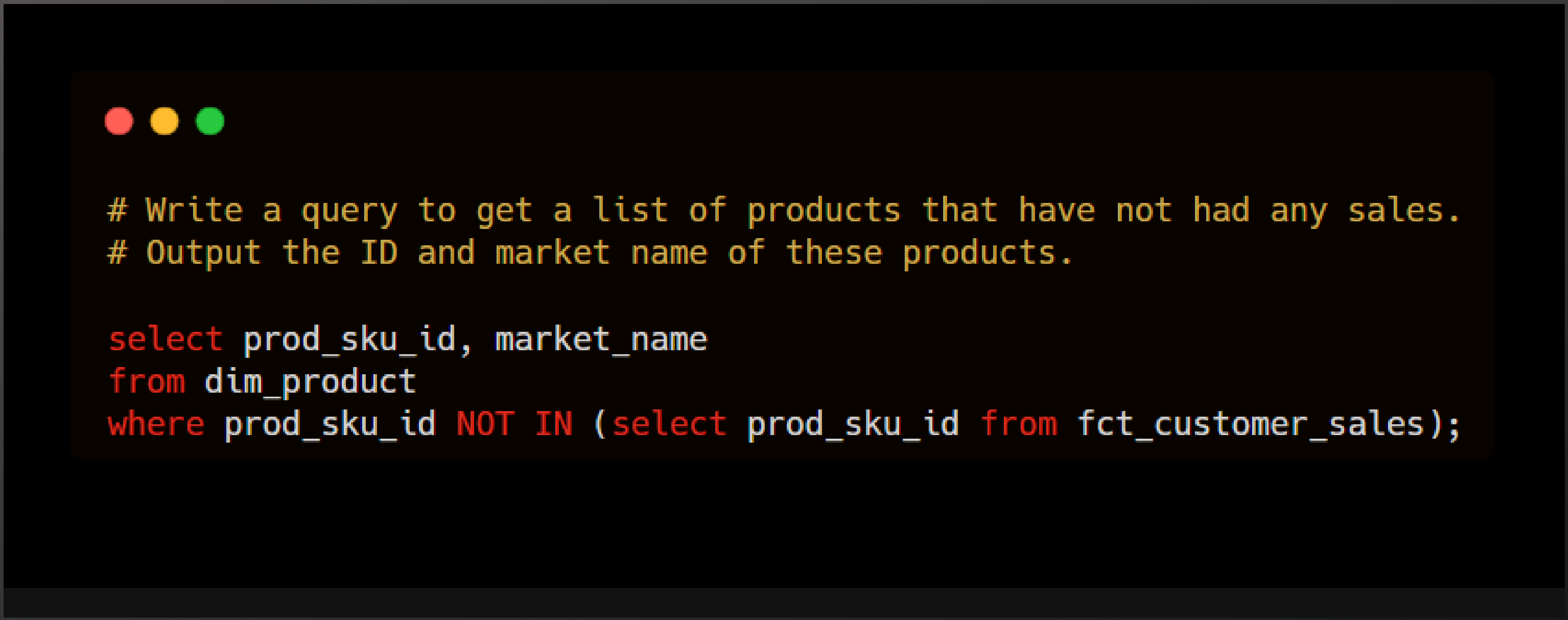
DAY 11 - 12

Company: Amazon



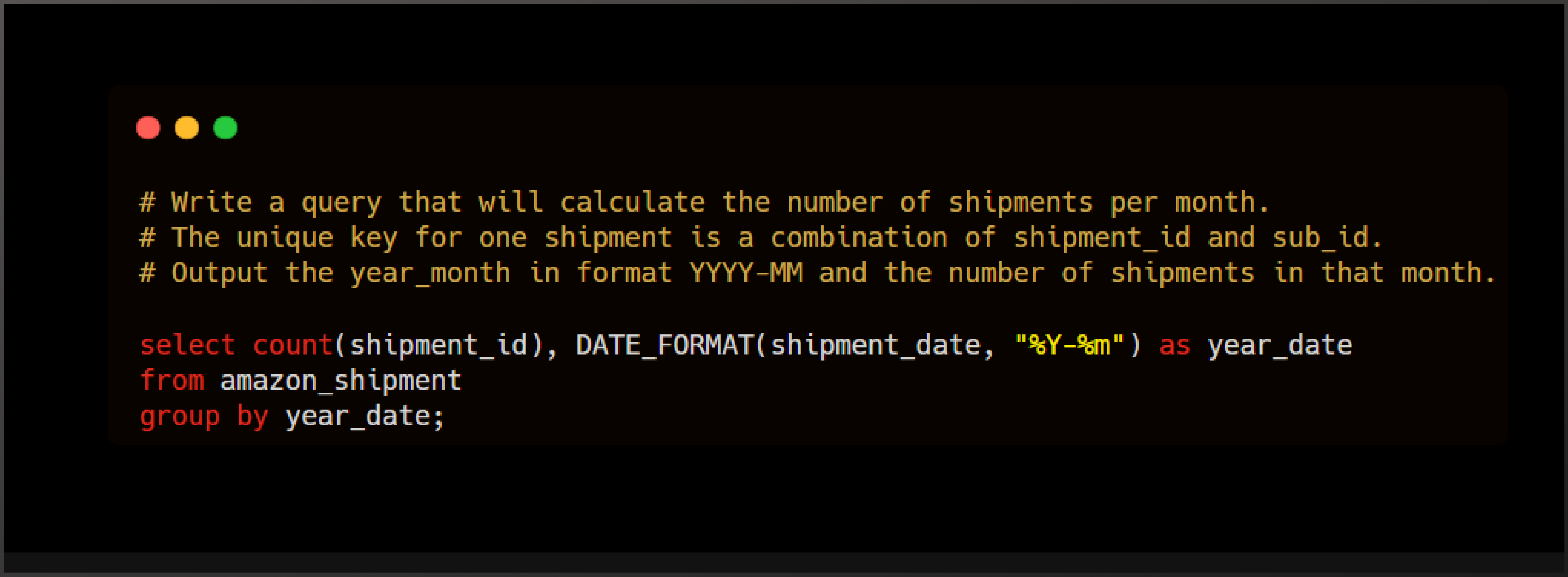
```
# Write a query to get a list of products that have not had any sales.
# Output the ID and market name of these products.

select prod_sku_id, market_name
from dim_product
where prod_sku_id NOT IN (select prod_sku_id from fct_customer_sales);
```

Komal Dive

DAY 11 - 12

Company: Amazon



```
# Write a query that will calculate the number of shipments per month.
# The unique key for one shipment is a combination of shipment_id and sub_id.
# Output the year_month in format YYYY-MM and the number of shipments in that month.

select count(shipment_id), DATE_FORMAT(shipment_date, "%Y-%m") as year_date
from amazon_shipment
group by year_date;
```

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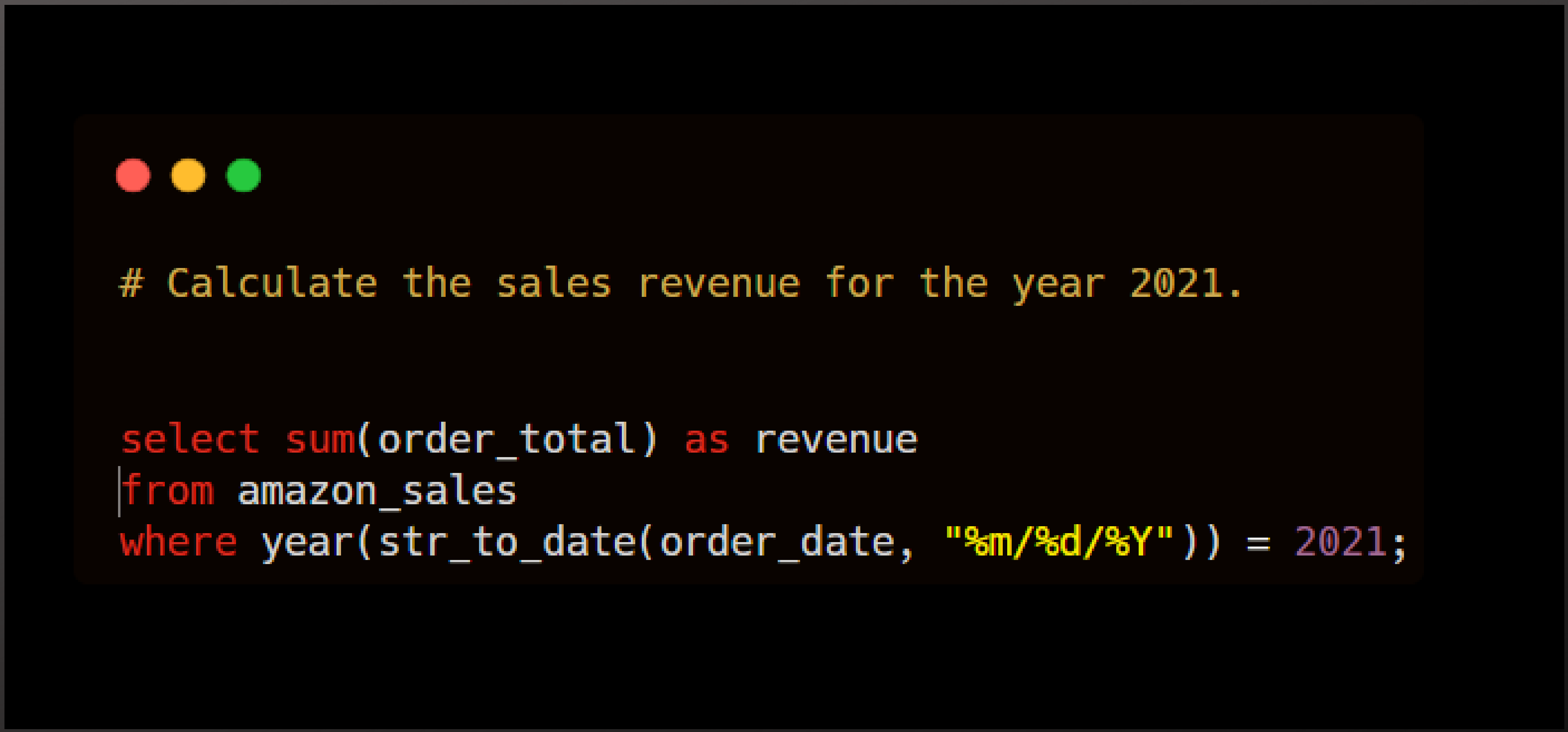
DAY 11 - 12

Company: Amazon



```
# Calculate the sales revenue for the year 2021.


select sum(order_total) as revenue
from amazon_sales
where year(str_to_date(order_date, "%m/%d/%Y")) = 2021;
```

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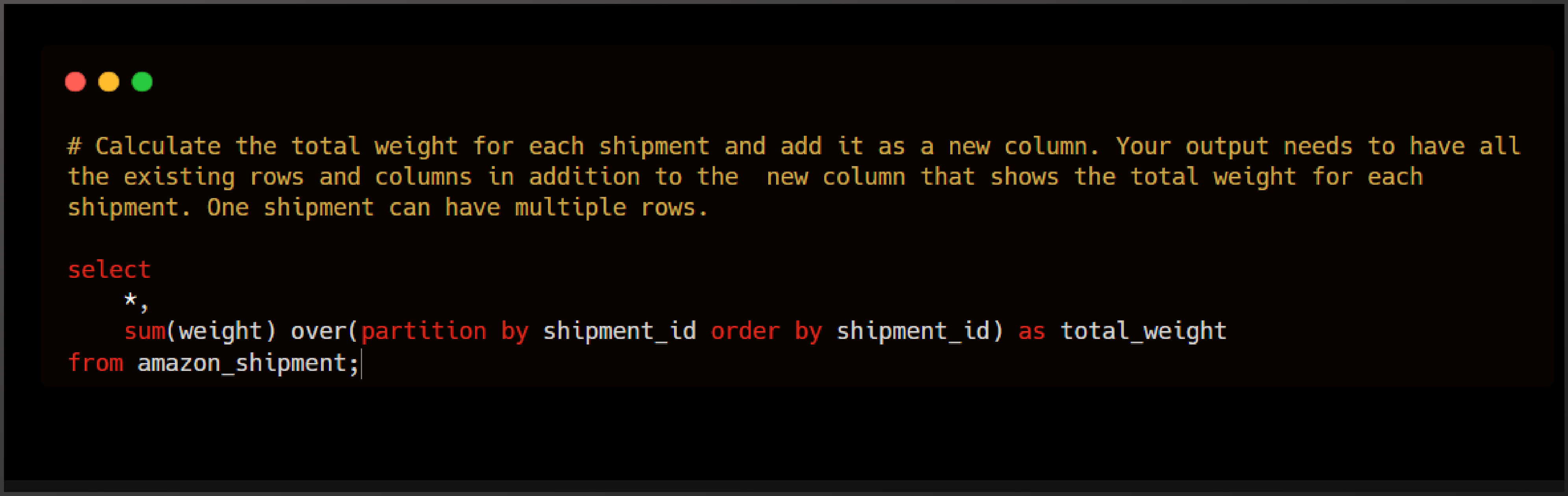
DAY 11 - 12

Company: Amazon



```
# Calculate the total weight for each shipment and add it as a new column. Your output needs to have all
the existing rows and columns in addition to the  new column that shows the total weight for each
shipment. One shipment can have multiple rows.

select
    *,
    sum(weight) over(partition by shipment_id order by shipment_id) as total_weight
from amazon_shipment;
```

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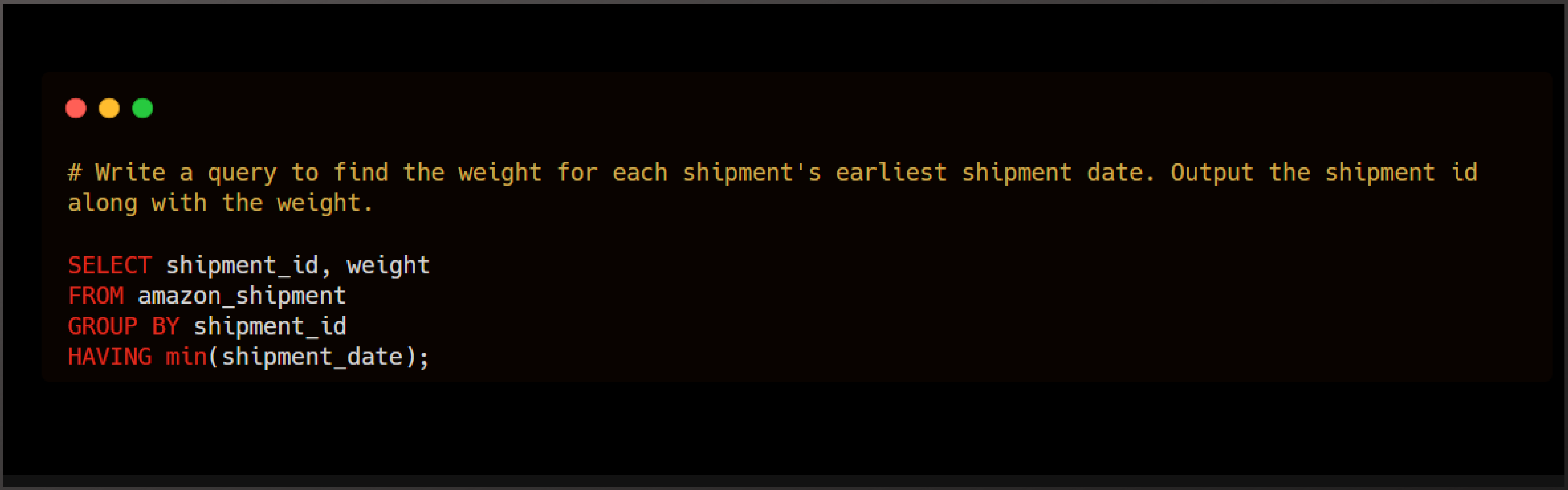
DAY 11 - 12

Company: Amazon

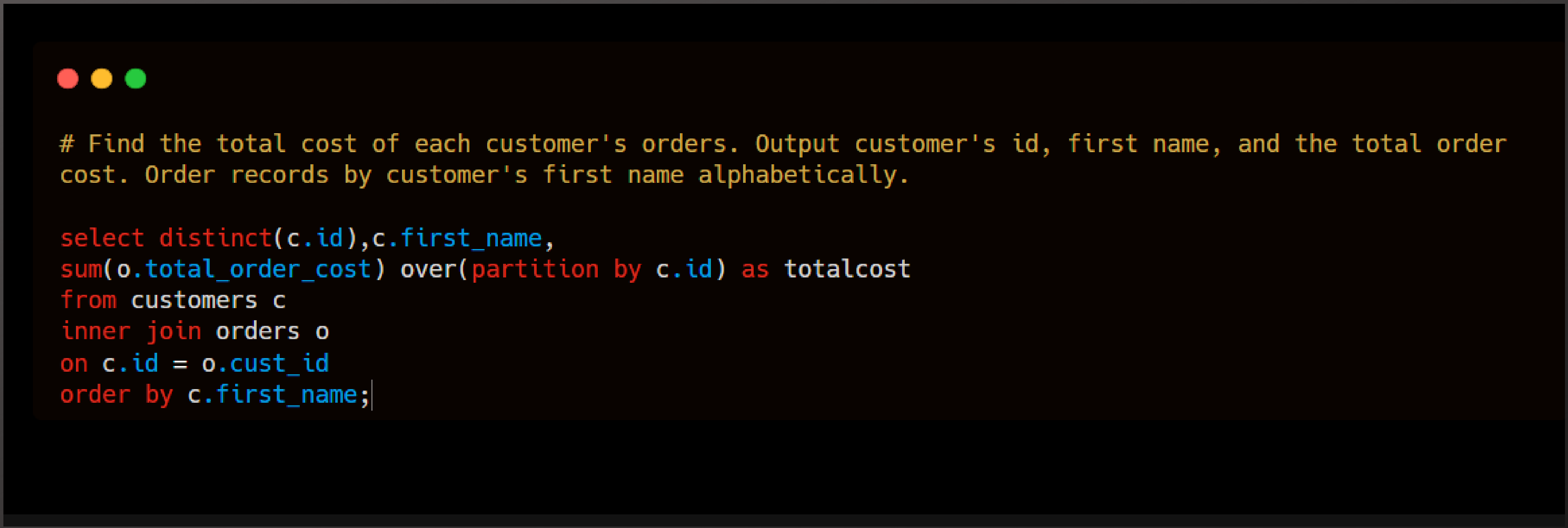


```
# Write a query to find the weight for each shipment's earliest shipment date. Output the shipment id
along with the weight.

SELECT shipment_id, weight
FROM amazon_shipment
GROUP BY shipment_id
HAVING min(shipment_date);
```

DAY 11 - 12

Company: Amazon



```
# Find the total cost of each customer's orders. Output customer's id, first name, and the total order
cost. Order records by customer's first name alphabetically.

select distinct(c.id),c.first_name,
sum(o.total_order_cost) over(partition by c.id) as totalcost
from customers c
inner join orders o
on c.id = o.cust_id
order by c.first_name;
```

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