

CUSTOMER (idcli, city, region, country)

PRODUCT (product_id, name, category, price_of_revs, price_sales, supplier)

DATE (idDate, month, nameMonth, quarter, year)

SALES(product id, date id, cli id, delivery_date, quantity, amount)

Instructions

1. Write a query to calculate the amount of sales by country.

```
SELECT SUM (amount), country
FROM Sales s
LEFT Join customer c ON s.cliid = c.idcli
GROUP BY Country
```

2. Write a query that calculates the amount of sales per month of each year, then per year, and then in total.

```
SELECT SUM (amount), Month, year
From Sales as s
LEFT JOIN Date as d ON s.date id = d.id date
GROUP BY ROLLUP (Month, Year)
```

3. **Write a query that allows you to calculate the quantity of the product sold "22 inch screen" by country, then by year, then by year to each country, then in totality.**

```
SELECT SUM (quantity) as quantity, country, year
FROM Sales s
LEFT JOIN Customer as c ON s.cli id = c.idcli
LEFT JOIN Date as d ON s.date id = d.iddate
LEFT JOIN Product as P ON s.product id = p.product_id
WHERE p.name = '22 inch screen'
GROUP BY ROLLUP (country, year)
```

4. **Write a query that calculates the amount of sales by country, then by year, then by product.**

```
SELECT SUM (amount) as total_amount, c.country, d.year, p.name
FROM Sales s
LEFT JOIN Customer as c ON s.cli id = c.idcli
LEFT JOIN Date as d ON s.date id = d.iddate
LEFT JOIN Product as P ON s.product id = p.product_id
GROUP BY ROLLUP (country, year, name)
```