**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)**

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

SELECT SUM(amount) AS total\_amount , country

FROM SALES AS s

Left join customer AS 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) AS Total\_amount , month , year

FROM SALES AS s

LEFT JOIN DATE AS d ON s.date id = d.idDate

Groub by ROLLup(year, month)

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(amount) AS Total\_amount , name, contry, year

FROM SALES AS s

LEFT JOIN DATE AS d ON s.date id = d.idDate

LEFT JOIN customer AS c ON s .cliid= c.idcli

LEFT JOIN PRODUCT AS p ON s.product id = p.product\_id

WHERE p.name = '22 inch screen'

GROUP BY CUBE(name, contry, 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 , name, contry, year

FROM SALES AS s

LEFT JOIN DATE AS d ON s.date id = d.idDate

LEFT JOIN customer AS c ON s .cliid= c.idcli

LEFT JOIN PRODUCT AS p ON s.product id = p.product\_id

GROUP BY SETS (name, contry, year)