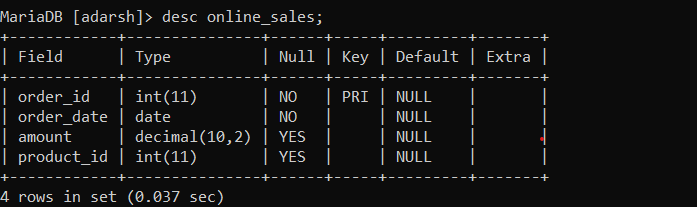
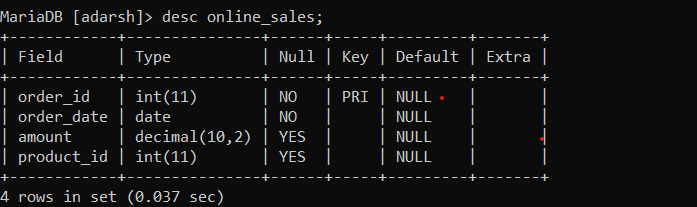
**Task 6**

**Step 1: online\_sales (orders table with order\_date, amount, product\_id)**

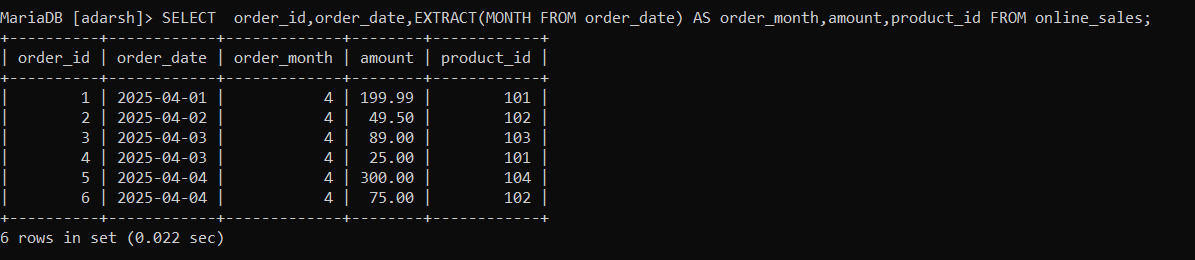
* create table online\_sales(order\_id int primary key,order\_date date not null,amount decimal(10,2),product\_id int);
* desc online\_sales;
* INSERT INTO online\_sales VALUES(1,'2025-04-01', 199.99, 101),(2,'2025-04-02', 49.50, 102),(3,'2025-04-03', 89.00, 103),(4,'2025-04-03', 25.00, 101),(5,'2025-04-04', 300.00, 104),(6,'2025-04-04', 75.00, 102);
* Select \* from online\_sales





**Step2:** Use EXTRACT(MONTH FROM order\_date) for month

* SELECT order\_id,order\_date,EXTRACT(MONTH FROM order\_date) AS order\_month,amount,product\_id FROM online\_sales;



Step 3:

* GROUP BY year/month.
* Use SUM() for revenue.
* COUNT(DISTINCT order\_id) for volume.
* Use ORDER BY for sorting

SELECT EXTRACT(YEAR FROM order\_date) AS order\_year,EXTRACT(MONTH FROM order\_date) AS order\_month,SUM(amount) AS revenue,COUNT(DISTINCT order\_id) AS volume FROM online\_sales GROUP BY EXTRACT(YEAR FROM order\_date),EXTRACT(MONTH FROM order\_date) ORDER BY order\_year,order\_month;

