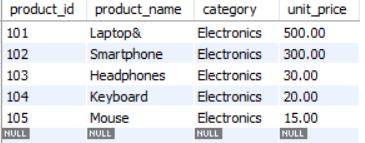
1. Retrieve all columns from the product table.

Ans:

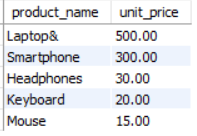
select \* from Products;



1. Retrieve the product\_name and unit\_price from the Products table.

Ans:

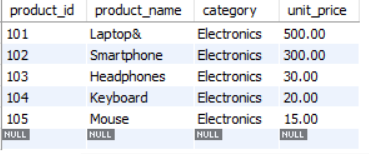
Select product\_name,unit\_price from Products;



1. Filter the Products table to show only products in the &#39;Electronics&#39; category.

Ans:

select \* from Products where category = 'Electronics';



1. Retrieve the product\_id and product\_name from the Products table for products with a unit\_price greater than $100.

Ans:

select product\_id,product\_name from products where unit\_price > 100;

A screenshot of a computer

AI-generated content may be incorrect.

1. Calculate the average unit\_price of products in the Products table

Ans:

select round(sum(unit\_price)/count(product\_id),2) as Average\_unit\_price from products;



1. Retrieve product\_name and unit\_price from the Products table with the Highest Unit Price

Ans:

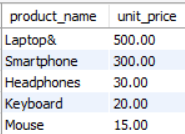
select product\_name,unit\_price from products order by unit\_price desc Limit 1;



1. Retrieve the product\_name and unit\_price from the Products table, ordering the results by unit\_price in descending order.

Ans:

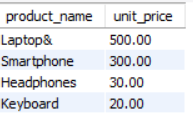
select product\_name,unit\_price from products order by unit\_price desc;



1. Retrieve the product\_name and unit\_price from the Products table, filtering the unit\_price to show only values between $20 and $600.

Ans:

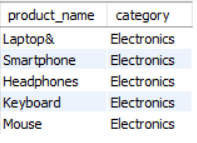
select product\_name, unit\_price from products where unit\_price between 20 and 600;



1. Retrieve the product\_name and category from the Products table, ordering the results by category in ascending order.

Ans:

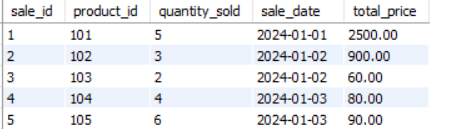
select product\_name,category from products order by category;



1. Retrieve all columns from the Sales table.

Ans:

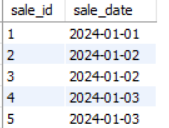
select \* from sales;



1. Retrieve the sale\_id and sale\_date from the Sales table.

Ans:

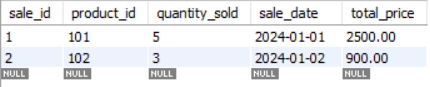
select sale\_id, sale\_date from sales;



1. Filter the Sales table to show only sales with a total\_price greater than $100.

Ans:

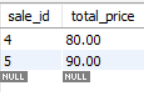
select \* from sales where total\_price >100;



1. Retrieve the sale\_id and total\_price from the Sales table for sales made on January 3, 2024.

Ans:

select sale\_id,total\_price from sales where sale\_date = '2024-01-03';



1. Calculate the total revenue generated from all sales in the Sales table.

Ans:

select sum(total\_price) as Total\_revenue from sales;

A close-up of a website

AI-generated content may be incorrect.

1. Calculate the total quantity\_sold from the Sales table.

Ans:

select sum(quantity\_sold) as Total\_quantity from sales;

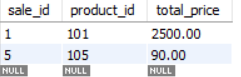
A close up of a computer screen

AI-generated content may be incorrect.

1. Retrieve the sale\_id, product\_id, and total\_price from the Sales table for sales with a quantity\_sold greater than 4.

Ans:

select sale\_id,product\_id,total\_price from sales where quantity\_sold > 4;



1. Calculate the average total\_price of sales in the Sales table.

Ans:

select round(sum(total\_price)/count(total\_price),2) as Average\_sales\_price from sales;

