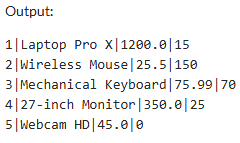
**–Use Database**

Use Ecommerce

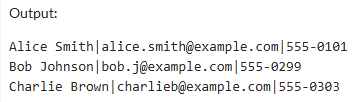
**-- 1.1 Select all columns and all rows from the products table**

SELECT \* FROM products;



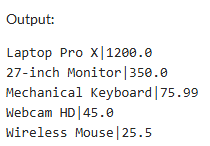
**-- 1.2 Select the name, email, and phone number of all customers**

SELECT Customer\_name, Email, Phone\_no FROM customers;



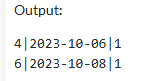
**-- 1.3 Select the Product\_name and Price, ordered by Price (descending)**

SELECT Product\_name, Price FROM products ORDER BY Price DESC;



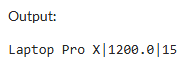
**-- 2.1 Find all orders that are currently 'pending'**

SELECT Order\_id, Order\_date, Quantity FROM orders WHERE Order\_status = 'pending';



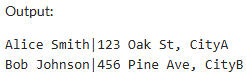
**-- 2.2 Find products that are low in stock (Stock < 20) AND cost more than $100**

SELECT Product\_name, Price, Stock FROM products WHERE Stock < 20 AND Price > 100.00;



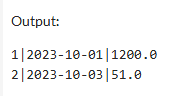
**-- 2.3 Find customers whose name starts with 'A' OR whose address is in 'CityB'**

SELECT Customer\_name, Address FROM customers WHERE Customer\_name LIKE 'A%' OR Address LIKE '%CityB%';



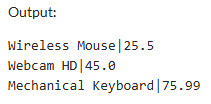
**-- 2.4 Find payments made between October 1st and October 5th, 2023**

SELECT Payment\_id, Payment\_date, Amount FROM payments WHERE Payment\_date BETWEEN '2023-10-01' AND '2023-10-05';



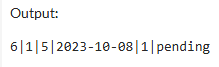
**-- 3.1 Get the 3 cheapest products, ordered by price (ascending)**

SELECT Product\_name, Price FROM products ORDER BY Price ASC LIMIT 3;



**-- 3.2 Find the details of the most recent order placed (using Order\_date)**

SELECT \* FROM orders ORDER BY Order\_date DESC LIMIT 1;



**-- 3.3 Find the details of the oldest completed payment, limited to 1 result**

SELECT \* FROM payments WHERE Payment\_status = 'completed' ORDER BY Payment\_date ASC

LIMIT 1;

