```sql
create database hariom

show tables

CREATE TABLE customers (
    customer_id INT PRIMARY KEY,
    name VARCHAR(100),
    country VARCHAR(50)
);

INSERT INTO customers (customer_id, name, country) VALUES
(1, 'hariom gupta', 'USA'),
(2, 'rishita', 'Canada'),
(3, 'neha', 'Mexico'),
(4, 'tannu', 'UK'),
(5, 'annu', 'Australia');


CREATE TABLE products (
    product_id INT PRIMARY KEY,
    product_name VARCHAR(100),
    category VARCHAR(50),
    price DECIMAL(10, 2)
);

INSERT INTO products (product_id, product_name, category, price) VALUES
(1, 'Laptop', 'Electronics', 1000.00),
(2, 'Smartphone', 'Electronics', 600.00),
(3, 'Office Chair', 'Furniture', 150.00),
(4, 'Coffee Mug', 'Kitchenware', 20.00),
(5, 'Notebook', 'Stationery', 5.00);


CREATE TABLE orders (
    order_id INT PRIMARY KEY,
    customer_id INT,
    order_date DATE,
    total_amount DECIMAL(10, 2),
    FOREIGN KEY (customer_id) REFERENCES customers(customer_id)
);

INSERT INTO orders (order_id, customer_id, order_date, total_amount) VALUES
(101, 1, '2025-06-01', 1600.00),
(102, 2, '2025-06-03', 620.00),
```

```sql
(103, 3, '2025-05-25', 175.00),
(104, 1, '2025-06-10', 25.00),
(105, 4, '2025-04-15', 1005.00);


CREATE TABLE order_items (
    order_item_id INT PRIMARY KEY,
    order_id INT,
    product_id INT,
    quantity INT,
    subtotal DECIMAL(10, 2),
    FOREIGN KEY (order_id) REFERENCES orders(order_id),
    FOREIGN KEY (product_id) REFERENCES products(product_id)
);

INSERT INTO order_items (order_item_id, order_id, product_id, quantity, subtotal) VALUES
(1, 101, 1, 1, 1000.00),
(2, 101, 2, 1, 600.00),
(3, 102, 2, 1, 600.00),
(4, 102, 4, 1, 20.00),
(5, 103, 3, 1, 150.00)

show tables

select * from orders

# Total Revenue
SELECT SUM(total_amount) AS total_revenue
FROM orders;

# abg ordrr value

SELECT
    AVG(total_amount) AS average_order_value
FROM orders;

#Top Selling Products

SELECT
    p.product_name,
    SUM(oi.quantity) AS total_quantity_sold
FROM order_items oi
JOIN products p ON oi.product_id = p.product_id
GROUP BY p.product_id, p.product_name
```

```
ORDER BY total_quantity_sold DESC
LIMIT 5;
```

show tables