1. SELECT *
   FROM students
   WHERE grade > 90

2. SELECT name, age
   FROM users
   ORDER BY age DESC

3. UPDATE products
   SET price = price * 1.1
   WHERE category = 'Electronics'

4. INSERT INTO employees (name, position, salary)
   VALUES ('John Smith', 'Manager', 75000)

5. DELETE FROM orders
   WHERE order_date < '2023-01-01'

6. SELECT c.name, COUNT(o.order_id)
   FROM customers c
   JOIN orders o ON c.customer_id = o.customer_id
   GROUP BY c.name

7. CREATE TABLE projects (
     project_id INT PRIMARY KEY,
     name VARCHAR(100),
     start_date DATE
)

8. ALTER TABLE users
   ADD COLUMN last_login TIMESTAMP

9. SELECT AVG(salary)
   FROM employees
   WHERE department = 'Marketing'

10. CREATE INDEX idx_lastname
    ON customers(last_name)

11. db.collection.find({
     status: "active"
    })

12. db.users.updateOne(
     { _id: ObjectId("507f191e810c19729de860ea") },
     { $set: { status: "inactive" }}
)

13. db.products.aggregate([
     { $match: { category: "Electronics" }},
     { $group: { _id: "$brand", count: { $sum: 1 }}}
    ])

14. db.orders.deleteMany({
     orderDate: { $lt: new Date("2023-01-01") }
    })

15. db.users.createIndex(
    { email: 1 },
    { unique: true }
)

16. MATCH (u:User)-[:ORDERED]->(p:Product)
  WHERE p.category = 'Books'
  RETURN u.name, COUNT(p)

17. SELECT name, department
  FROM employees
  WHERE salary BETWEEN 50000 AND 70000

18. SELECT p.product_name, c.category_name
  FROM products p
  JOIN categories c ON p.category_id = c.category_id

19. db.inventory.updateMany(
    {},
    { $inc: { quantity: -1 } }
)

20. WITH orders AS (
    SELECT customer_id, COUNT(*) as order_count
    FROM orders
    GROUP BY customer_id
)
  SELECT c.name, o.order_count
  FROM customers c
  JOIN orders o ON c.customer_id = o.customer_id
  WHERE o.order_count > 5