1. Queries   
     
   1. SELECT books.subject\_name FROM books INNER JOIN suppliers ON books.supplier\_id = suppliers.supplier\_id WHERE suppliers.supplier\_name = 'supplier2';
2. SELECT books.book\_name, books.price FROM books INNER JOIN suppliers ON books.supplier\_id = suppliers.supplier\_id WHERE suppliers.supplier\_name = 'supplier3' ORDER BY books.price DESC LIMIT 1;
3. SELECT DISTINCT books.book\_name FROM books INNER JOIN order\_details ON books.book\_id = order\_details.book\_id INNER JOIN orders ON order\_details.order\_id = orders.order\_id INNER JOIN customers ON orders.customer\_id = customers.customer\_id WHERE customers.last\_name = 'lastname1' AND customers.first\_name = 'firstname1';
4. SELECT books.book\_title FROM books WHERE books.units\_in\_stock > 10;
5. SELECT customers.first\_name, customers.last\_name, SUM(order\_details.quantity \* books.price) AS total\_price FROM customers INNER JOIN orders ON customers.customer\_id = orders.customer\_id INNER JOIN order\_details ON orders.order\_id = order\_details.order\_id INNER JOIN books ON order\_details.book\_id = books.book\_id WHERE customers.last\_name = 'lastname1' AND customers.first\_name = 'firstname1';
6. SELECT customers.first\_name, customers.last\_name FROM customers INNER JOIN orders ON customers.customer\_id = orders.customer\_id GROUP BY customers.customer\_id HAVING SUM(order\_details.quantity \* books.price) < 80;
7. SELECT books.book\_name FROM books INNER JOIN suppliers ON books.supplier\_id = suppliers.supplier\_id WHERE suppliers.supplier\_name = 'supplier2';
8. SELECT customers.first\_name, customers.last\_name, SUM(order\_details.quantity \* books.price) AS total\_price FROM customers INNER JOIN orders ON customers.customer\_id = orders.customer\_id INNER JOIN order\_details ON orders.order\_id = order\_details.order\_id INNER JOIN books ON order\_details.book\_id = books.book\_id GROUP BY customers.customer\_id ORDER BY total\_price DESC;
9. SELECT books.book\_name, shippers.shipper\_name FROM books INNER JOIN order\_details ON books.book\_id = order\_details.book\_id INNER JOIN orders ON order\_details.order\_id = orders.order\_id INNER JOIN shippers ON orders.shipper\_id = shippers.shipper\_id WHERE orders.shipped\_date = '2016-08-04';
10. SELECT DISTINCT books.book\_name FROM books INNER JOIN order\_details ON books.book\_id = order\_details.book\_id INNER JOIN orders ON order\_details.order\_id = orders.order\_id INNER JOIN customers ON orders.customer\_id = customers.customer\_id WHERE customers.last\_name = 'lastname1' AND customers.first\_name = 'firstname1' AND books.book\_name IN (SELECT DISTINCT books.book\_name FROM books INNER JOIN order\_details ON books.book\_id = order\_details.book\_id INNER JOIN orders ON order\_details.order\_id = orders.order\_id INNER JOIN customers ON orders.customer\_id = customers.customer\_id WHERE customers.last\_name = 'lastname4' AND customers.first\_name = 'firstname4');
11. SELECT books.book\_name FROM books INNER JOIN order\_details ON books.book\_id = order\_details.book\_id INNER JOIN orders ON order\_details.order\_id = orders.order\_id INNER JOIN employees ON orders.employee\_id = employees.employee\_id WHERE employees.last\_name = 'lastname6' AND employees.first\_name = 'firstname6';
12. SELECT books.book\_name, SUM(order\_details.quantity) AS total\_quantity FROM books INNER JOIN order\_details ON books.book\_id = order\_details.book\_id GROUP BY books.book\_id ORDER BY total\_quantity ASC;
13. SELECT customers.first\_name, customers.last\_name FROM customers INNER JOIN orders ON customers.customer\_id = orders.customer\_id INNER JOIN order\_details ON orders.order\_id = order\_details.order\_id GROUP BY customers.customer\_id HAVING COUNT(DISTINCT orders.order\_id) >= 2;
14. SELECT DISTINCT c.customer\_name, b.book\_title FROM db\_customer c JOIN db\_order o ON c.customer\_id = o.customer\_id JOIN db\_order\_detail od ON o.order\_id = od.order\_id JOIN db\_book b ON od.book\_id = b.book\_id WHERE b.category IN ('category3', 'category4');
15. SELECT DISTINCT customers.first\_name, customers.last\_name FROM customersINNER JOIN orders ON customers.customer\_id = orders.customer\_id INNER JOIN order\_details ON orders.order\_id = order\_details.order\_id INNER JOIN books ON order\_details.book\_id = books.book\_id INNER JOIN book\_authors ON books.book\_id = book\_authors.book\_id INNER JOIN authors ON book\_authors.author\_id = authors.author\_id WHERE authors.author\_name LIKE '%author1%';
16. SELECT employees.first\_name, employees.last\_name, SUM(order\_details.quantity \* books.price) AS total\_sale FROM employees INNER JOIN orders ON employees.employee\_id = orders.employee\_id INNER JOIN order\_details ON orders.order\_id = order\_details.order\_id INNER JOIN books ON order\_details.book\_id = books.book\_id GROUP BY employees.employee\_id;
17. SELECT books.book\_name, order\_details.quantity FROM orders INNER JOIN order\_details ON orders.order\_id = order\_details.order\_id INNER JOIN books ON order\_details.book\_id = books.book\_id WHERE orders.shipped\_date IS NULL AND orders.order\_date < '2016-08-05 00:00:00';
18. SELECT customers.first\_name, customers.last\_name, SUM(order\_details.quantity) AS total\_quantity FROM customers INNER JOIN orders ON customers.customer\_id = orders.customer\_id INNER JOIN order\_details ON orders.order\_id = order\_details.order\_id GROUP BY customers.customer\_id HAVING total\_quantity > 1 ORDER BY total\_quantity DESC;
19. SELECT customers.first\_name, customers.last\_name, customers.phone FROM customers INNER JOIN orders ON customers.customer\_id = orders.customer\_id INNER JOIN order\_details ON orders.order\_id = order\_details.order\_id GROUP BY customers.customer\_id HAVING SUM(order\_details.quantity) > 3;