1. SELECT \* FROM book LIMIT 5 OFFSET ?

2.SELECT \* FROM purchase LIMIT 5  OFFSET ?

3.SELECT \* FROM costumer LIMIT 5 OFFSET ?

4.SELECT \* FROM supplier LIMIT 5 OFFSET ?

5.SELECT \* FROM purchase\_record WHERE record\_date between ? and ? LIMIT 5  OFFSET ?

6.SELECT \* FROM sales\_and\_discount LIMIT 5 OFFSET ?

7.

/\* by book name\*/

SELECT \* FROM book WHERE book\_name = ? AND book\_stock = ?

/\* by book author and name \*/

SELECT \* FROM book WHERE book\_name = ? AND book\_stock = ? AND book\_author = ?

8.

/\* book name \*/

select book.supplier\_id, supplier.supplier\_id, supplier.supplier\_name, supplier.supplier\_phone, supplier.supplier\_email from book inner JOIN  supplier on book.supplier\_id = supplier.supplier\_id  where book\_name= ? ;

/\*author name\*/

select book.supplier\_id, supplier.supplier\_id, supplier.supplier\_name, supplier.supplier\_phone, supplier.supplier\_email from book inner JOIN  supplier on book.supplier\_id = supplier.supplier\_id  where book\_author= ? ;

/\* book name and author \*/

select book.supplier\_id, supplier.supplier\_id, supplier.supplier\_name, supplier.supplier\_phone, supplier.supplier\_email from book inner JOIN  supplier on book.supplier\_id = supplier.supplier\_id  where book\_name= ? and book\_author = ? ;

9.

/\* book name \*/

select book.id, purchase\_record.record\_date from book inner JOIN  purchase\_record on id = book\_id  where book\_name= ?  and purchase\_record.record\_date >= ? "

/\*author name \*/

select book.id, purchase\_record.record\_date from book inner JOIN  purchase\_record on id = book\_id  where book\_author= ?  and purchase\_record.record\_date >= ?

/\* book name and author name \*/

select book.id, purchase\_record.record\_date from book inner JOIN  purchase\_record on id = book\_id  where book\_name= ?  and purchase\_record.record\_date >= ? and book\_author = ?

10.

select costumer.user\_id, purchase\_record.record\_date from costumer inner join purchase\_record on costumer.user\_id=purchase\_record.user\_id where user\_name=? and purchase\_record.record\_date >= ?

11.

select \* from costumer inner join (select user\_id ,count(user\_id) c from purchase\_record where purchase\_record.record\_date >= ?  group by user\_id   order by c  desc limit 1) multi\_purchase on costumer.user\_id=multi\_purchase.user\_id  limit 1;

12.

select \* from supplier inner join (select supplier\_id ,  count(supplier\_id) c from book inner join (select book\_id from purchase where purchase\_date >= ?) pur on book.id=pur.book\_id group by supplier\_id   order by c  desc limit 1) sup on supplier.supplier\_id=sup.supplier\_id;

13.

SELECT \* FROM purchase WHERE purchase\_date between ? and ?

14.

SELECT \* FROM purchase\_record WHERE record\_date between ? and ? and purchase\_from = 'ordered'

15.

SELECT x.user\_id, x.user\_name,sum(price - amount\_to\_pay ) as total from (select purchase\_record.user\_id, purchase\_record.amount\_to\_pay,purchase\_record.price,purchase\_record.record\_date, cos.user\_name from purchase\_record inner join (select \* from costumer WHERE user\_name = ?) cos on purchase\_record.user\_id = cos.user\_id) x where x.record\_date >= ? and x.user\_name = ? group by user\_id;

16.

select  sum(amount\_to\_pay) \_sum, quarter(record\_date)  as \_quarter from purchase\_record where year(record\_date) = ? group by \_quarter;

17.

SELECT \* FROM costumer WHERE join\_date >= ? LIMIT 5  OFFSET ?

18.

SELECT x.supplier\_id, x.amount\_to\_pay , sum(amount\_to\_pay) as total from (SELECT amount\_to\_pay, book\_id, record\_date, book.supplier\_id from purchase\_record INNER JOIN book on purchase\_record.book\_id = book.id ) x where x.supplier\_id = ? and x.record\_date between ? and ?;

supplier\_id = x

19.

SELECT \* FROM purchase\_record WHERE saller\_name = ? and record\_date between ? and ? LIMIT 5  OFFSET ?

20.

select \* from book inner join (select book\_id ,  count(book\_id) c from purchase\_record where purchase\_record.record\_date >= ?  and purchase\_record.record\_date < ?  group by book\_id   order by c  desc limit 10) multi\_purchase on book.id=multi\_purchase.book\_id  limit 5 OFFSET ?;

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