1.

select book\_no from books where book\_no not in (select book\_no from issue);

2.

select member\_id from member where member\_id in (select member\_id from issue);

3.

(select member\_id, count(\*) as 'no of books issued'

from issue group by member\_id order by count(\*) desc limit 1) union (select member\_id, count(\*) as 'no of books issued'

from issue group by member\_id order by count(\*) limit 1);

4.

select b.book\_no, b.book\_name, i.issue\_date from books b join issue i on b.book\_no = i.book\_no and b.category = 'database';

5.

select m.member\_id, m.member\_name, count(\*) as 'no of books issued' from member m join issue i on m.member\_id = i.member\_id group by m.member\_id order by count(\*) desc;

6.

select b.book\_no, b.book\_name, i.issue\_date, i.return\_date from books b join issue i on b.book\_no = i.book\_no join member m on m.member\_id = i.member\_id and member\_name = 'richa sharma';

7.

select distinct member\_id from issue where book\_no in (select book\_no from books where category = 'database');

8.

select b.book\_no, b.book\_name, n.highest, b.category from books b join (select category, max(cost) highest from books group by category) n on b.category = n.category and b.cost = n.highest;

9.

select member\_id, member\_name from member where member\_id not in (select member\_id from issue);

10.

select m.member\_id, m.member\_name, m.max\_books\_allowed from member m join issue i on m.member\_id = i.member\_id group by m.member\_id having count(\*) > m.max\_books\_allowed;

11.

select i.member\_id from issue i join (select book\_no, member\_id from issue where member\_id =

(select member\_id from member where member\_name = 'garima sen')) n on n.book\_no = i.book\_no and n.member\_id <> i.member\_id;

12.

select b.book\_name, b.cost from books b join issue i on b.book\_no = i.book\_no and timestampdiff(day, i.issue\_date, i.return\_date) > 30;

13.

select author\_name from books group by author\_name having count(\*) > 1;

14.

select m.member\_id, m.member\_name, n.num\_issues from member m join ((select member\_id, count(\*) as num\_issues from issue group by member\_id order by count(\*) desc limit 1) union (select member\_id, count(\*) as num\_issues from issue group by member\_id order by count(\*) limit 1)) n on m.member\_id = n.member\_id;

15.

select \* from books order by cost desc limit 3;