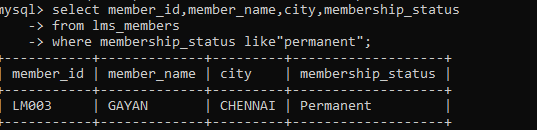
1)select member\_id,member\_name,city,membership\_status

from lms\_members

where membership\_status like"permanent"

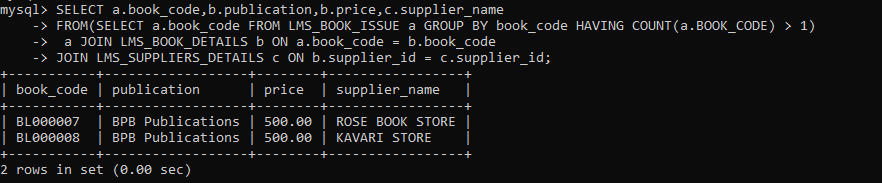


2) SELECT a.book\_code,b.publication,b.price,c.supplier\_name

FROM(SELECT a.book\_code FROM LMS\_BOOK\_ISSUE a GROUP BY book\_code HAVING COUNT(a.BOOK\_CODE) > 1)

a JOIN LMS\_BOOK\_DETAILS b ON a.book\_code = b.book\_code

JOIN LMS\_SUPPLIERS\_DETAILS c ON b.supplier\_id = c.supplier\_id

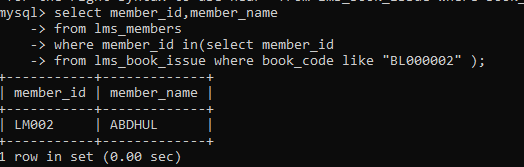


3)select member\_id,member\_name

from lms\_members

where member\_id in(select member\_id

from lms\_book\_issue where book\_code like "BL000002" )

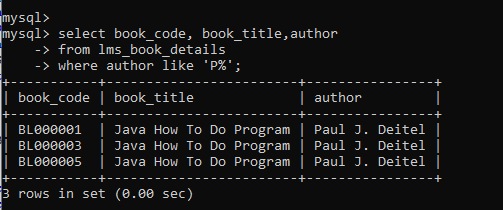


4)

select book\_code, book\_title,author

from lms\_book\_details

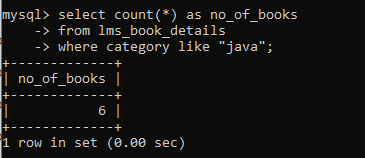
where author like 'P%'



5) select count(\*) as no\_of\_books

from lms\_book\_details

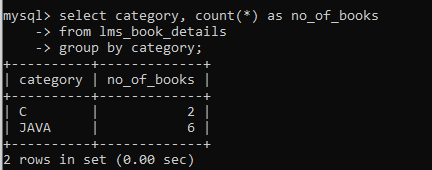
where category like "java”

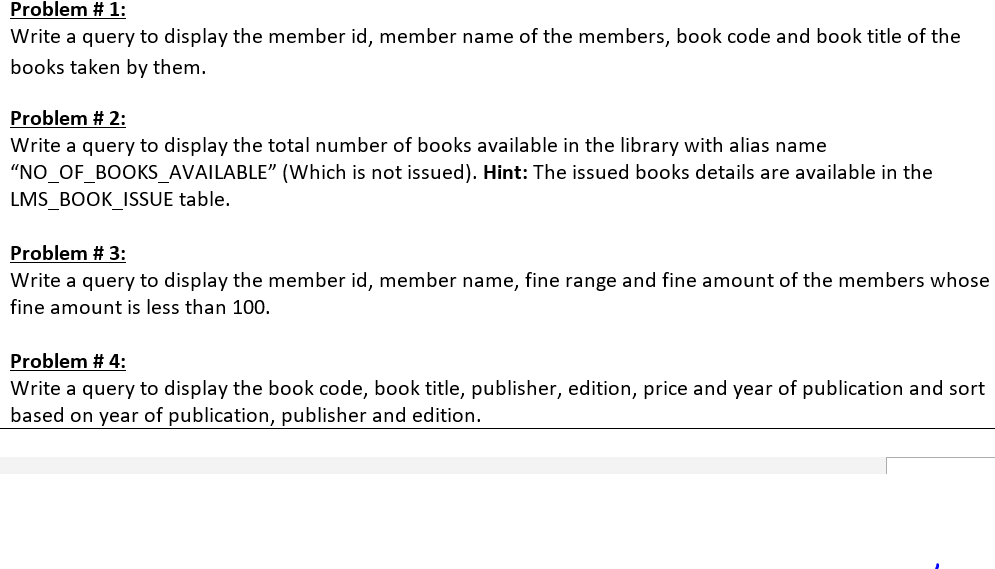


6) select category, count(\*) as no\_of\_books

from lms\_book\_details

group by category

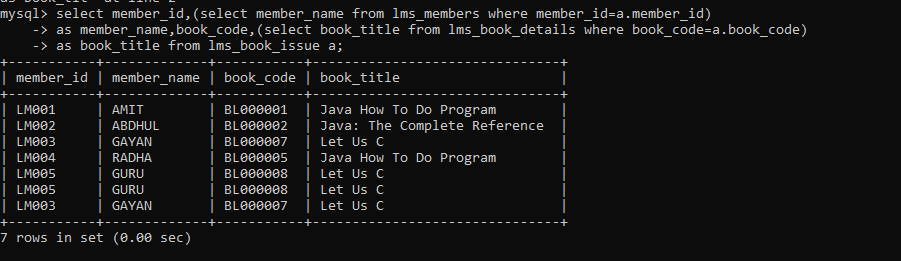




P1) select member\_id in(select member\_name from lms\_members where member\_id=a.member\_id)

as member\_name,book\_code in(select book\_title from lms\_book\_details where book\_code=a.book\_code)

as book\_title from lms\_book\_issue a;

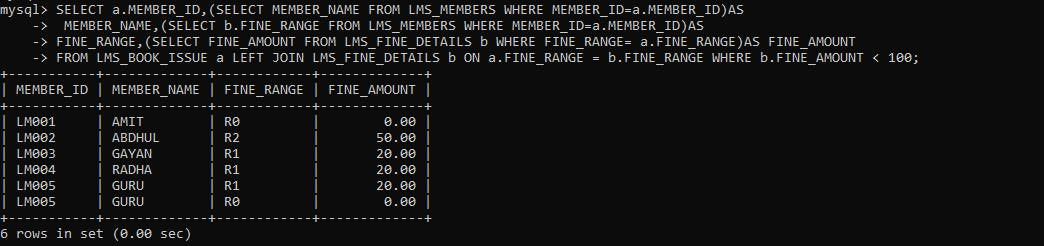


P2)

SELECT COUNT(a.BOOK\_CODE)AS NO\_OF\_BOOKS\_AVAILABLE

FROM LMS\_BOOK\_DETAILS a LEFT JOIN LMS\_BOOK\_ISSUE b

ON a.BOOK\_CODE = b.BOOK\_CODE WHERE b.BOOK\_CODE IS NULL

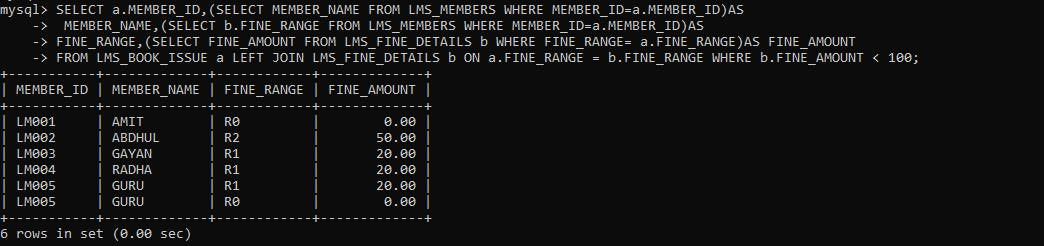


P3) SELECT a.MEMBER\_ID,(SELECT MEMBER\_NAME FROM LMS\_MEMBERS WHERE MEMBER\_ID=a.MEMBER\_ID)AS

MEMBER\_NAME,(SELECT b.FINE\_RANGE FROM LMS\_MEMBERS WHERE MEMBER\_ID=a.MEMBER\_ID)AS

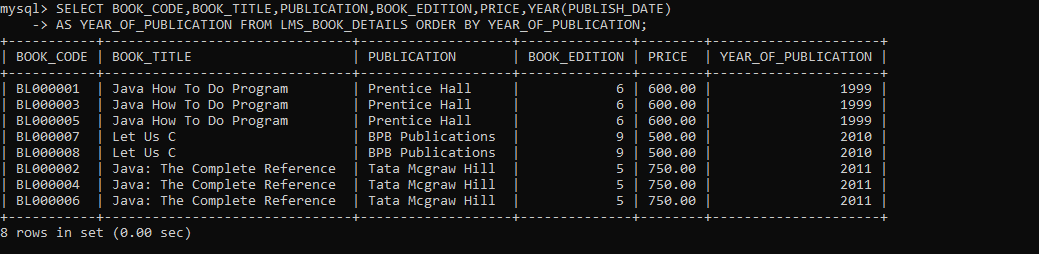
FINE\_RANGE,(SELECT FINE\_AMOUNT FROM LMS\_FINE\_DETAILS b WHERE FINE\_RANGE= a.FINE\_RANGE)AS FINE\_AMOUNT

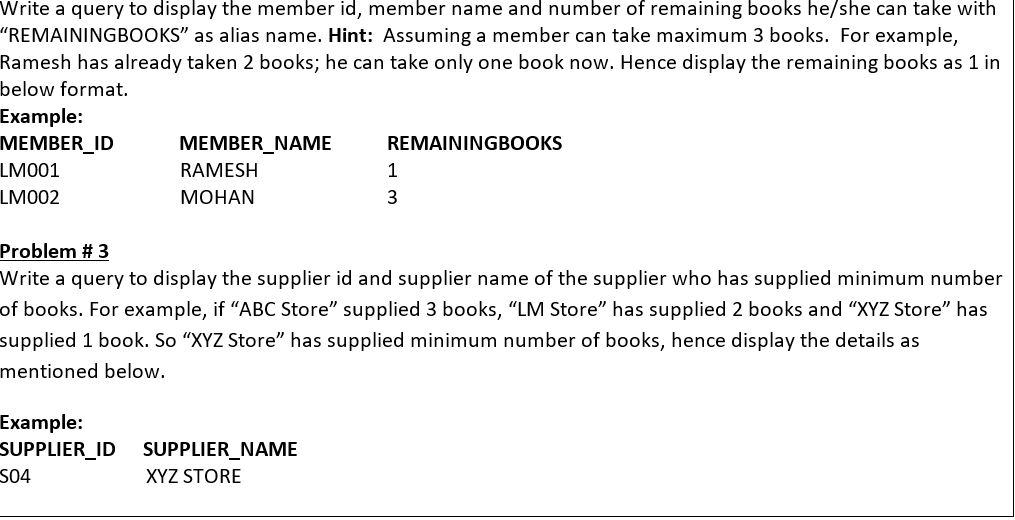
FROM LMS\_BOOK\_ISSUE a LEFT JOIN LMS\_FINE\_DETAILS b ON a.FINE\_RANGE = b.FINE\_RANGE WHERE b.FINE\_AMOUNT < 100



P4) SELECT BOOK\_CODE,BOOK\_TITLE,PUBLICATION,BOOK\_EDITION,PRICE,YEAR(PUBLISH\_DATE)

AS YEAR\_OF\_PUBLICATION FROM LMS\_BOOK\_DETAILS ORDER BY YEAR\_OF\_PUBLICATION

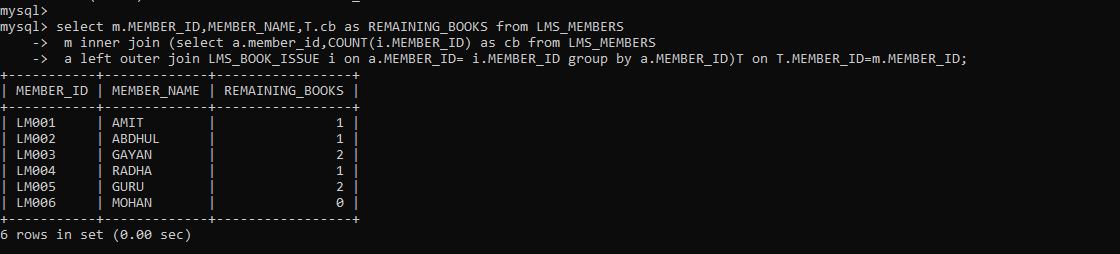




P5) select m.MEMBER\_ID,MEMBER\_NAME,T.cb as REMAINING\_BOOKS from LMS\_MEMBERS

m inner join (select a.member\_id,COUNT(i.MEMBER\_ID) as cb from LMS\_MEMBERS

a left outer join LMS\_BOOK\_ISSUE i on a.MEMBER\_ID= i.MEMBER\_ID group by a.MEMBER\_ID)T on T.MEMBER\_ID=m.MEMBER\_ID



P6)

select S.SUPPLIER\_ID,SUPPLIER\_NAME

from LMS\_BOOK\_DETAILS B inner join LMS\_SUPPLIERS\_DETAILS S on B.SUPPLIER\_ID = S.SUPPLIER\_ID

where S.SUPPLIER\_ID in (select SUPPLIER\_ID from LMS\_BOOK\_DETAILS group by SUPPLIER\_ID having

COUNT(SUPPLIER\_ID)=(select MIN(cnt) from (select COUNT(\*) as cnt from LMS\_BOOK\_DETAILS group by SUPPLIER\_ID)as T));

