

Q1) Write a query to display total fine amount paid by members (select Member_ID, Member_Name, City, Membership_status, Fine amount)

SQL Worksheet

```
1 select mb.Member_ID, (mb.Member_Name), mb.City, mb.Membership_status, fd.Fine_amount
2 from lms_members mb
3 inner join LMS_BOOK_ISSUE bi on mb.MEMBER_ID = bi.MEMBER_ID
4 inner join LMS_FINE_DETAILS fd on fd.fine_range = bi.Fine_range;
```

MEMBER_ID	MEMBER_NAME	CITY	MEMBERSHIP_STATUS	FINE_AMOUNT
LM002	Amruta	PUNE	Temporary	50
LM002	Amruta	PUNE	Temporary	50
LM002	Amruta	PUNE	Temporary	50
LM002	Amruta	PUNE	Temporary	50
LM003	Ashish	CHENNAI	Permanent	20
LM003	Ashish	CHENNAI	Permanent	100
LM003	Ashish	CHENNAI	Permanent	20
LM003	Ashish	CHENNAI	Permanent	100
LM003	Ashish	CHENNAI	Permanent	20
LM003	Ashish	CHENNAI	Permanent	100
LM003	Ashish	CHENNAI	Permanent	20
LM003	Ashish	CHENNAI	Permanent	100
LM004	Bhakti	CHENNAI	Temporary	20
LM004	Bhakti	CHENNAI	Temporary	20

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Q2) Write a query to display the members who have issued more than 4 books. (Select member ID, member name and count of books)

```
6 with tab1 as(
7 select bi.BOOK_ISSUE_NO, bi.MEMBER_ID, mb.MEMBER_NAME from LMS_BOOK_ISSUE bi
8 inner join lms_members mb on mb.MEMBER_ID = bi.MEMBER_ID)
9 select MEMBER_ID, MEMBER_NAME, sum(BOOK_ISSUE_NO) as book_count from tab1
10 group by MEMBER_ID, MEMBER_NAME;
```

MEMBER_ID	MEMBER_NAME	BOOK_COUNT
LM001	Akshay	40
LM003	Ashish	108
LM002	Amruta	44
LM004	Bhakti	52
LM005	Gautam	56

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5 rows selected.

Q3) Write a query to display the book_code from lms_book details table, Book_title, Date_issue from lms_book_issue. If date_issue is null then display "No" else display "Yes" with alias Availability Status.

```

14 with tab2 as(
15 select bi.Date_issue,bd.book_title
16 from lms_book_issue bi
17 inner join lms_book_details bd
18 on bi.book_code = bd.book_code)
19 select book_title, date_issue, case
20 when Date_issue is null then 'no'
21 when Date_issue is not null then 'yes'
22 end as availability_status
23 from tab2;

```

BOOK_TITLE	DATE_ISSUE	AVAILABILITY_STATUS
Java How To Do Program	01-MAY-12	yes
Java How To Do Program	01-MAY-13	yes
Java How To Do Program	22-APR-13	yes
Java How To Do Program	16-MAY-12	yes
Java How To Do Program	06-MAY-13	yes
Java How To Do Program	07-MAY-13	yes
Java: The Complete Reference	01-MAY-12	yes
Java: The Complete Reference	01-MAY-13	yes
Java: The Complete Reference	20-APR-13	yes
Java: The Complete Reference	06-MAY-12	yes