* **Write a query to show the category with the greatest number of books. (For Example: There are different category of books like JAVA, PYTHON, C# )**

Select Category as bookno from (Select Category, Count(Book\_title) as NoofBooks, dense\_rank() over (Order By Count(\*) DESC) as Highestbookcategory

from lms\_book\_details

Group By Category) as Temptable where Highestbookcategory=1;

* **Write a query to show this output. List of the books that are available in library and never issued (Hint : use join function and case function)**

Select bd.Book\_code, Book\_title, case when Date\_issue is NULL then 'Yes'

when Date\_Issue is not null then 'NO' end as Availability\_Status

From

lms\_book\_details as bd left join lms\_book\_issue as BI on bd.Book\_code = BI.Book\_code

Having Availability\_Status = "yes" ;

* **Write a query to count the number of permanent members vs temporary members.**

Select Membership\_Status, Count(Membership\_Status) as MemStatus

from lms\_1

group by Membership\_Status;

* **Write a query to display the average price of different book categories.**

select Category, avg(price) as averageprice from lms\_book\_details

Group by Category;

* **Write a query to display the total ﬁne amount paid by all members**

Select Sum(Fine\_amount) as TotalFine

From lms\_book\_issue as BI inner join lms\_ﬁne\_details as FD on BI.ﬁne\_range = FD.ﬁne\_range;