

Lab 5 Solution from C to G Questions

c) List all the student names with their membership numbers

```
SQL> select s.studname, m.memno
➤ from student s, membership m where m.studno=s.studno;
```

STUDNAME	MEMNO
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abhiyeet	1001
arun	1002
arvind	1003
ashish	1004
ashwin	1005

d) List all the issues for the current date with student and Book names

```
SQL> select i.issno, s.studname, b.bookname from iss_rec I, membership m, student s, book b
➤where i.memno=m.memno and m.studno=s.studno and i.issdate=to_char(sysdate);
```

ISSNO	STUDNAME	BOOKNAME
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13	arvind	P&S
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e)Give a count of how many books have been bought by each student

```
SQL> select s.studno, count(i.bookno)
from student s, membership m, book b, iss_rec i
where s.studno=m.studno and b.bookno=i.bookno and i.mem_no=m.mem_no
group by s.studno;
```

STUDNO	COUNT(I.BOOKNO)
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501	5
502	5
503	5
504	5
505	5

f)Give a list of books taken by student with stud_no as 5

```
SQL> select bookname from book where bookno in
(select bookno from iss_rec where
memno in(select memno from membership where
studno in(select studno from student where studno=5)));
```

BOOKNAME

NT

g. Create a view which lists out the iss_no, iss _date, stud_name, book name

```
sql> create view List as (select i.issue_no, i.issue_date, b.book_name, s.studen  
t_name from studentlib s, issue_rec i, book b, membership m where m.student_no=s  
.student_no and b.book_no=i.book_no);
```

View has been created.

```
Sql> select * from List;
```

Output: