select s.stud\_name,s.stud\_no, m.mem\_no from student17 s,membership17 m where s.stud\_no=m.stud\_no;

|  |  |  |  |
| --- | --- | --- | --- |
| **STUD\_NAME** | | **STUD\_NO** | **MEM\_NO** |
| arun | | 101 | 10 |
| banu | | 102 | 11 |
| calibraj | | 103 | 12 |
| dhanush | | 104 | 13 |
| eliza | | 105 | 14 |
| 5 rows returned in 0.07 seconds | |  |

select s.stud\_name,i.iss\_date,i.iss\_no,b.book\_name from student17 s,membership17 m,book17 b,iss\_rec17 i where i.book\_no=b.book\_no and i.mem\_no=m.mem\_no and m.stud\_no=s.stud\_no and i.iss\_date=to\_char('11-jan-2019');

|  |  |  |  |
| --- | --- | --- | --- |
| **STUD\_NAME** | **ISS\_DATE** | **ISS\_NO** | **BOOK\_NAME** |
| calibraj | 11-JAN-19 | 1004 | maths book |
| eliza | 11-JAN-19 | 1005 | daa book |
|  |  |  |  |

select s.stud\_name,s.stud\_no from student17 s,membership17 m,iss\_rec17 i,book17 b where s.stud\_no=m.stud\_no and m.mem\_no=i.mem\_no and b.book\_no=i.book\_no and b.author='veerarajan';

|  |  |  |
| --- | --- | --- |
| **STUD\_NAME** | | **STUD\_NO** |
| arun | | 101 |
| calibraj | | 103 |
| 2 rows returned in 0.00 seconds | |

select mem\_no,count(book\_no) from iss\_rec17 group by mem\_no;

|  |  |  |  |
| --- | --- | --- | --- |
| **MEM\_NO** | | **COUNT(BOOK\_NO)** | |
| 11 | | 1 | |
| 14 | | 1 | |
| 10 | | 1 | |
| 12 | | 2 | |
| 4 rows returned in 0.00 seconds | |

select s.stud\_no,count(b.book\_no) from student17 s,membership17 m, iss\_rec17 i,book17 b where m.stud\_no=s.stud\_no and m.mem\_no=i.mem\_no and b.book\_no=i.book\_no group by s.stud\_no;

|  |  |  |  |
| --- | --- | --- | --- |
| **STUD\_NO** | | **COUNT(B.BOOK\_NO)** | |
| 102 | | 1 | |
| 101 | | 1 | |
| 105 | | 1 | |
| 103 | | 2 | |
| 4 rows returned in 0.00 seconds | |

select s.stud\_no,b.book\_no,b.book\_name from student17 s,membership17 m,book17 b,iss\_rec17 i where i.book\_no=b.book\_no and i.mem\_no=m.mem\_no and m.stud\_no=s.stud\_no and s.stud\_no=103;

|  |  |  |  |
| --- | --- | --- | --- |
| **STUD\_NO** | | **BOOK\_NO** | **BOOK\_NAME** |
| 103 | | 4 | ethics book |
| 103 | | 2 | maths book |
| 2 rows returned in 0.00 seconds | |  |

select i.iss\_no,b.book\_no,b.book\_name,b.author from student17 s,membership17 m,book17 b,iss\_rec17 i where s.stud\_no=m.stud\_no and m.mem\_no=i.mem\_no and b.book\_no=i.book\_no and i.iss\_date='10-jan-2019';

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ISS\_NO** | | **BOOK\_NO** | **BOOK\_NAME** | **AUTHOR** |
| 1003 | | 1 | dbms book | vkj |
| 1 rows returned in 0.00 seconds | |  |

create view iss\_details17 as select i.iss\_no,i.iss\_date,s.stud\_name,b.book\_name from student17 s,book17 b,membership17 m,iss\_rec17 i where i.mem\_no=m.mem\_no and m.stud\_no=s.stud\_no and i.book\_no=b.book\_no;

View created.

select \* from iss\_details17;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ISS\_NO** | | **ISS\_DATE** | **STUD\_NAME** | **BOOK\_NAME** |
| 1001 | | 08-JAN-19 | arun | maths book |
| 1002 | | 09-JAN-19 | calibraj | ethics book |
| 1003 | | 10-JAN-19 | banu | dbms book |
| 1004 | | 11-JAN-19 | calibraj | maths book |
| 1005 | | 11-JAN-19 | eliza | daa book |
| 5 rows returned in 0.00 seconds | |  |