TASK 5:

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1) Write a query to display the entire contents of the table after performing an inner join on role table and user table, sorted by role name and then by name of the user.

```
select * from
user1  u
inner join
role r
on
u.iden = r.iden
order by r.nam,u. name;
```

2) Write a query to display the entire contents of the table after performing a left join on role table and user table, sorted by role name and then by name of the user.

```
select * from
user1 u
left outer join
role r
on
u.iden = r.iden
order by r.nam,u. name;
```

3) Write a query to display the user name and role of all users, sorted by name of the user.

```
select u.user_name,r.nam from
user1 u
inner join
role r
on
u.iden = r.iden
order by r.nam,u. name;
```

4) Write a query to display the phone number, emailid, batch, department, designaton and the currently working company name of 'Ram'.

```
select u.phonenumber,u.emailid,p.batch, p.designation, d.nam
from user1 u
join profile p on u.iden=p.iden
join degree de on p.degree_id= de.iden
join department d on de.department_id= d.iden
where u.name='Ram';
```

5) Write a query to display the name and skillset name of all alumni users (role - 'Alumni'), sorted by name and then by skillset name.

6) Write a query to display the name and all company names in which they have worked of all alumni users(role - 'Alumni') who have been employed or are employed, sorted by name and then by company name.

```
select u.name,e.company_name,e.current_status
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden
join experience e on p.iden= e.profile_id

order by u.name, e.company_name;
```

7) Write a query to display the name and all company names in which they have worked of all alumni users(role - 'Alumni') , sorted by name and then by company name. (Include users who have never been employed also).

8) Write a query to display the name and the company name in which they are working of all alumni users(role - 'Alumni'), sorted by name of the user.(Include alumni users who are currently working only).

```
select u.name,e.company_name,e.current_status
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden
join experience e on p.iden= e.profile_id and e.current_status=1

order by u.name, e.company_name;
```

9) Write a query to display the name and the company name in which they are currently working of all alumni users(role - 'Alumni') from 2008, sorted by name. [Include users who are currently working only]

```
select u.name,e.company_name
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden
join experience e on p.iden= e.profile_id
where to_char(e.start_date,'YYYY')>='2008' and e.current_status=1

order by u.name;
```

10) Write a query to display the name, email id, phone number and address of all alumni(role - 'Alumni') users who have filled in their profile, sorted by name.

```
select u.name,u.emailid,u.phonenumber,p.address
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden
where u.profile_id is not null
order by u.name;
```

11) Write a query to display the name, email id, phone number and address of all alumni(role - 'Alumni') users from 2008 batch, sorted by name.

```
select u.name,u.emailid,u.phonenumber,p.address,p.batch
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden
where p.batch='2008'
order by u.name;
```

12) Write a query to display the name, email id, phone number and address of all alumni(role - 'Alumni') users from 'BSC_CT', sorted by name.

```
select u.name,u.emailid,u.phonenumber,p.address
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden
join degree d on p.iden=d.iden and d.nam='BSC_CT'
order by u.name;
```

13) Write a query to display the name, email id, phone number and address of all alumni(role - 'Alumni') users from 'CSE' department, sorted by name.

```
select u.name,u.emailid,u.phonenumber,p.address
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden
join degree d on p.iden=d.iden and d.nam like '%CSE%'
order by u.name;
```

17) Write a query to display the name and batch of all female alumni users(role - 'Alumni'), sorted by name.

```
select u.name,u.emailid,u.phonenumber,p.address,p.gender
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden where p.gender='Female'
order by u.name;
```

18) Write a query to display the name, batch and degree of all female alumni users(role - 'Alumni'), sorted by name of the user.

```
select u.name,u.emailid,u.phonenumber,d.nam,p.batch
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden and p.gender='Female'
join degree d on p.degree_id=d.iden
order by u.name;
```

19) Write a query to display the name, batch, degree and department of all female alumni users(role - 'Alumni'), sorted by name.

```
select u.name,u.emailid,u.phonenumber,d.nam,p.batch,dp.nam
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden and p.gender='Female'
join degree d on p.degree_id=d.iden
join department dp on d.department_id=dp.iden
order by u.name;
```

20) Write a query to display all degree names and the department offering the degree, sorted by degree name.

```
select d.nam,dp.nam
from degree d
join department dp on d.department_id=dp.iden;
```

21) Write a query to display the name and designaton of all male alumni users(role - 'Alumni'), sorted by name.

```
select u.name,p.designation
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden where p.gender='Male'
order by u.name;
```

22) Write a query to display the name and designaton of all alumni users(role - 'Alumni') who are currently working in TCS, sorted by name.

```
select u.name,p.designation
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden and p.gender='Male'
join experience e on p.iden=e.profile_id and company_name='TCS'
order by u.name;
```

23) Write a query to display the names of the users who have raised or answered queries and the content of the queries, sorted by name and then by date.

```
select u.name,q.content
from user1 u
join query_det q on u.iden=q.user_id
order by q.query_date ;
```

24) Write a query to display the names of the users who have answered queries and the content of the queries, sorted by name and then by date.

```
select u.name,q.content
from user1 u
join query_det q on u.iden=q.user_id
where q.parent_id is NOT null
order by u.name, q.query_date ;
```

25) Write a query to display the names of the users who have posted posts and the contents of posts, sorted by name and then by post date.

```
select u.name, p.content
from user1 u
join post p on u.iden=p.user_id
order by p.post_date;
```

26) Write a query to display the names of the users who have posted 'Technology' related posts and the contents of posts, sorted by name, post date and then by post content.

```
select u.name, p.content
from user1 u
join post p on u.iden=p.user_id
where p.content like '%Tech%'
order by p.post_date,u.name,p.post_date,p.content;
```

27) Write a query to display the names of the users who have posted posts in the year 2013 and the contents of posts, sorted by name and then by post date and then by content.

```
select u.name,p.content
from user1 u
join post p on u.iden=p.user_id and to_char(p.post_date,'YYYY')='2013'
order by p.post_date;
```

28) Write a query to display the name and department of users who have good 'Programming' skills, sorted by name of the user.

29) Write a query to display the names of the users who have organized events and the name of the events, sorted by name of the user and then by event date.

```
select u.name,e.nam
from user1 u
join event1 e on u.iden=e.organiser_id
order by e.event_date;
```

30) Write a query to display the names of the alumni users(role - 'Alumni') who have organized events and the name of the events, sorted by name and then by event date.

```
select u.name,e.nam
from role r
join user1 u on r.iden=u.role_id and r.nam='Alumni'
join event1 e on u.iden=e.organiser_id
order by e.event_date;
```

TASK 6:

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1) Write a query to display the names of all administrators (role Admin) sorted by name in Ascending order.

```
select u.name,r.nam
from role r
join user1 u on r.iden=u.role_id and r.nam='Admin'
order by u.name ;
```

2) Write a query to display the names of all alumni (role Alumni) sorted by name in descending order.

```
select u.name,r.nam
from role r
join user1 u on r.iden=u.role_id and r.nam='Admin'
order by u.name desc;
```

3) Write a query to display the names of all degrees offered by 'CSE' department, sorted in Ascending order.

```
select dp.nam,d.nam
from degree d
join department dp on d.department_id=dp.iden and dp.nam='CSE'
order by d.nam ;
```

4) Write a query to display the name of the department offering the degree 'BSC_CT'.

```
select dp.nam,d.nam
from degree d
join department dp on d.department_id=dp.iden and dp.nam='BSC_CT'
order by d.nam ;
```

5) Write a query to display the names of all female alumni (role Alumni), sorted in order.

```
select u.name
from user1 u
join role r on u.role_id=r.iden and r.nam='Alumni'
join profile p on u.profile_id= p.iden where p.gender='Female'
order by u.name;
```

6) Write a query to display the department of user Ram in the college.

```
select dp.nam
from user1 u
join profile p on u.profile_id=p.iden and u.name='Ram'
join degree d on p.degree_id=d.iden
join department dp on d.department_id= dp.iden;
```

7) Write a query to display the university name(s) in which Ram has done his higher studies, sorted in Ascending order.
======

8) Write a query to display the designaton of Ram.

```
select p.designation
from user1 u
join profile p on u.profile_id=p.iden and u.name='Ram';
```

9) Write a query to display the name of the skillsets of Ram, sorted by name in Ascending order.
=====
10) Write a query to display the work experience details of Anithaa (company name, start date and end date in order), sorted by start date.

```
select e.company_name,e.start_date,e.end_date
from user1 u
join profile p on u.profile_id=p.iden and u.name='Anithaa'
join experience e on p.iden= e.profile_id
order by e.start_date;
```

11) Write a query to display the names of projects in which Ram has been a part of, sorted in order.
========
12) Write a query to display the contents of queries raised or answered by Ram, sorted by date.

```
select q.content
from user1 u
join query_det q on u.iden=q.user_id and u.name='Ram'
order by q.query_date;
```

13) Write a query to display the contents of posts posted by Ram, sorted by date.

```
select p.content
from user1 u
join post p on u.iden=p.user_id and u.name='Ram'
order by p.post_date;
```

14) Write a query to display the contents of posts related to Technology posted by Ram, sorted by date.

```
select p.content
from user1 u
join post p on u.iden=p.user_id and (u.name='Ram' and p.content like '%Eng%')
order by p.post_date;
```

15) Write a query to display the contents of posts posted by Ram in the year 2012, sorted by date

```
select p.content
from user1 u
join post p on u.iden=p.user_id and u.name='Ram'
and to_char(post_date,'YYYY')='2012'
order by p.post_date;
```

16) Write a query to display the name and phone numbers of all Alumni users from 2008 batch, sorted in Ascending order based on name.

```
select u.name, u.phonenumber
from role r
join user1 u on r.iden=u.role_id and r.nam='Alumni'
join profile p on u.profile_id=p.iden and p.batch='2008'
order by u.name;
```

17) Write a query to display the name of all male Alumni from 2008 batch, sorted in order.

```
select u.name, u.phonenumber
from role r
join user1 u on r.iden=u.role_id and r.nam='Alumni'
join profile p on u.profile_id=p.iden and p.batch='2008' and p.gender='Male'
order by u.name;
```

18) Write a query to display the name of all Alumni from BSC_CT 2008 batch, sorted by name.

```
select u.name
from role r
join user1 u on r.iden=u.role_id and r.nam='Alumni'
join profile p on u.profile_id=p.iden and p.batch='2008'
join degree d on p.degree_id=d.iden and d.nam='BSC_CT'
order by u.name;
```

19) Write a query to display the name of all Alumni of 2008 batch from CSE department, sorted by name.

```
select u.name
from role r
join user1 u on r.iden=u.role_id and r.nam='Alumni'
join profile p on u.profile_id=p.iden and p.batch='2008'
join degree d on p.degree_id=d.iden and d.nam like '%CSE%'
order by u.name;
```

20) Write a query to display the name and email details of all users from 2008 batch sorted by name.

```
select u.name,u.emailid
from role r
join user1 u on r.iden=u.role_id
join profile p on u.profile_id=p.iden and p.batch='2008'
order by u.name;
```

21) Write a query to display the names of users who have good 'Web Design' skills, sorted by name.

---

22) Write a query to display the names of all alumni users who have been or are a part of TCS, sorted by name.

```
select u.name
from role r
join user1 u on r.iden=u.role_id and r.nam='Alumni'
join profile p on u.profile_id=p.iden
join experience e on p.iden=e.profile_id where e.company_name='TCS'
order by u.name;
```

23) Write a query to display the names and email ids of all alumni users who are currently working in TCS, sorted by name.

```
select u.name
from role r
join user1 u on r.iden=u.role_id and r.nam='Alumni'
join profile p on u.profile_id=p.iden
join experience e on p.iden=e.profile_id where (e.company_name='TCS' and
e.current_status=1)
order by u.name;
```

24) Write a query to display the name and role of all users, sorted by name of the user.

```
select u.name , r.nam
from role r
join user1 u on r.iden = u.role_id
order by u.name;
```

25) Write a query to display the name and role details of all users who have filled in the profile details, sorted by name in Ascending order.

```
select u.name , r.nam
from role r
join user1 u on r.iden = u.role_id
join profile p on u.profile_id= p.iden and u.profile_id is Not null
order by u.name;
```