1. Select first name, last name of user for the task having their task due date(date\_reminder) less than today’s date.
2. Select user id, first name, last name, task name where task is completed today.
3. Select first name, last name of user who has exported chat to email id :- [meetprateekrawat@gmail.com](mailto:meetprateekrawat@gmail.com)
4. Select first name, last name of user who has been assigned with maximum number of tasks
5. Select conversation id which belongs to list name ‘movies’
6. Provide list\_name and associated task  with user name, assigned to a user by himself/ herself
7. List all the task names assigned to users
8. Provide list name having minimum number of sub-task

Queries:

1. SELECT first\_name,last\_name FROM user u join user\_list ul

on u.user\_id= ul.user\_id JOIN task t on ul.list\_id = t.list\_id

WHERE t.date\_reminder < CURRENT\_DATE

2. select u.user\_id,u.first\_name,u.last\_name,t.task\_name from user u JOIN task t

on u.user\_id = t.user\_id JOIN activity a on a.task\_id = t.task\_id

WHERE a.completed\_date = CURRENT\_DATE.

3. select u.user\_id,u.first\_name,u.last\_name from user u

JOIN task t on t.user\_id = u.user\_id join coversation c

on c.task\_id = t.task\_id join export e on e.converstion\_id = c.converstion\_id

WHERE e.email\_id = 'meetprateekrawat@gmail.com'

4. SELECT u.first\_name,u.last\_name ,COUNT(\*)from user u

JOIN task t on u.user\_id = t.user\_id

GROUP  by u.user\_id

ORDER by COUNT(\*) DESC

LIMIT 1

5. SELECT converstion\_id from coversation c

WHERE c.list\_id in (SELECT list\_id from list l WHERE l.list\_name = 'Movies')

6. select u.first\_name,u.last\_name,t.task\_name,l.list\_name from activity a join user u on a.assign\_to = u.user\_id

join task t on a.task\_id = t.task\_id

join list l on l.list\_id = t.list\_id

WHERE a.assign\_to = a.assign\_by

7. SELECT u.first\_name,u.last\_name,GROUP\_CONCAT(t.task\_name) AS List\_of\_Task from user u JOIN task t

on u.user\_id = t.user\_id

GROUP by u.user\_id

8. SELECT l.list\_name,COUNT(\*) AS No\_of\_Task from list l join task t on

t.list\_id = l.list\_id

GROUP by l.list\_id

HAVING COUNT(\*) <= ALL(SELECT COUNT(\*) from task t GROUP by t.list\_id)