The example)

SELECT users.first\_name, users.last\_name, users2.first\_name as friend\_first\_name, users2.last\_name as friend\_last\_name

from users

join friendships on users.id = friendships.user\_id

left join users as users2 on users2.id = friendships.friend\_id

Q1)

select concat(users.first\_name," ",users.last\_name) as user\_name ,concat(friends.first\_name,friends.last\_name) as friend\_name from users

join friendships on users.id = friendships.user\_id

join users as friends on friends.id = friendships.friend\_id

where friends.first\_name like "%kermit"

Q2)

SELECT COUNT(friendships.id) from friendships

Q3)

SELECT users.first\_name, users.last\_name, count(users2.first\_name)

from users

join friendships on users.id = friendships.user\_id

left join users as users2 on users2.id = friendships.friend\_id

group by users.first\_name

limit 1

Q4)

INSERT INTO users(first\_name, last\_name)

VALUES (“Omar”, “Alhaddar”);

INSERT INTO friendships(user\_id, friend\_id)

VALUES (6, 2);

INSERT INTO friendships(user\_id, friend\_id)

VALUES (6, 4);

INSERT INTO friendships(user\_id, friend\_id)

VALUES (6, 5);

Q5)

SELECT users.first\_name, users.last\_name, users2.first\_name AS friend\_first\_name, users2.last\_name AS friend\_last\_name

FROM users

LEFT JOIN friendships ON users.id = friendships.user\_id

LEFT JOIN users AS users2 ON users2.id = friendships.friend\_id

WHERE users.first\_name LIKE "%Eli"

OR users2.first\_name LIKE "%Eli"

Q6)

DELETE FROM friendships

WHERE friendships.id = 5

Q7)

SELECT users.first\_name, users.last\_name, users2.first\_name AS friend\_first\_name, users2.last\_name AS friend\_last\_name

FROM users

LEFT JOIN friendships ON users.id = friendships.user\_id

LEFT JOIN users AS users2 ON users2.id = friendships.friend\_id