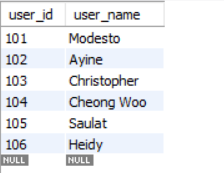
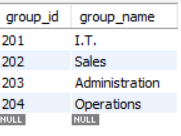
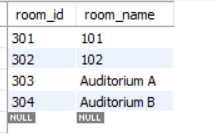
**TBL\_USERS:**



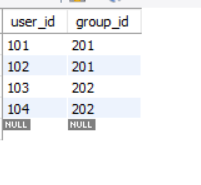
**TBL\_GROUPS:**



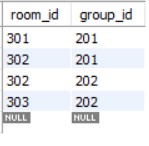
**TBL\_ROOMS:**



**TBL\_USER\_GROUPS:**



**TBL\_GROUP\_ROOMS:**



**Question 1:**

select a.\*,c.user\_name

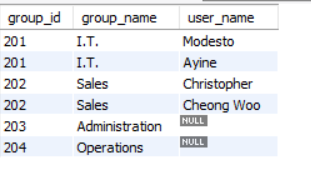
from tbl\_groups a

left join tbl\_user\_groups b

on a.group\_id = b.group\_id

left join tbl\_users c on b.user\_id = c.user\_id

;



**Question 2:**

select a.\*,c.group\_name

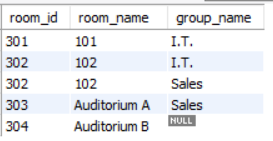
from tbl\_rooms a

left join tbl\_group\_rooms b

on a.room\_id = b.room\_id

left join tbl\_groups c on b.group\_id = c.group\_id

;



**Question 3:**

select

a.user\_name,c.group\_name,e.room\_name

from

tbl\_users a

left join tbl\_user\_groups b

on

a.user\_id = b.user\_id

left join tbl\_groups c

on

c.group\_id = b.group\_id

left join tbl\_group\_rooms d

on

c.group\_id = d.group\_id

left join tbl\_rooms e

on

d.room\_id = e.room\_id

order by a.user\_name,c.group\_name,e.room\_name asc

