SQL Social-Network Modification Exercises

Q1

(1/1 point)

It's time for the seniors to graduate. Remove all 12th graders from Highschooler.

delete from Highschooler

where grade =12;

Q2

(1/1 point)

If two students A and B are friends, and A likes B but not vice-versa, remove the Likes tuple.

delete from likes

where id1 in (select likes.id1

from friend join likes using (id1)

where friend.id2 = likes.id2)

and not id2 in (select likes.id1

from friend join likes using (id1)

where friend.id2 = likes.id2);

Q3

(1/1 point)

For all cases where A is friends with B, and B is friends with C, add a new friendship for the pair A and C. Do not add duplicate friendships, friendships that already exist, or friendships with oneself. *(This one is a bit challenging; congratulations if you get it right.)*

insert into friend

select fa.id1, fb.id2

from friend fa join friend fb on fa.id2 = fb.id1

where fa.id1 <> fb.id2

except

select \* from friend;