PGEX QUESTION:3

--Question3

--How can you output a list of all members who have recommended another member?

--Ensure that there are no duplicates in the list, and that results are ordered by (surname, firstname).

select distinct recs.firstname as firstname, recs.surname as surname

from

cd.members mems

inner join cd.members recs

on recs.memid = mems.recommendedby

order by surname, firstname;

Mems

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| memid | surname |  |  |  | recommendedby |  |  |  |  |
| 0 | "GUEST" |  |  |  | null |  |  |  |  |
| 1 | "Smith" |  |  |  | null |  |  |  |  |
| 2 | "Smith" |  |  |  | null |  |  |  |  |
| 3 | "Rownam" |  |  |  | null |  |  |  |  |
| 4 | "Joplette" |  |  |  | 1 |  |  |  |  |
| 5 | "Butters" |  |  |  | 1 |  |  |  |  |
| 6 | "Tracy" |  |  |  | null |  |  |  |  |
| 7 | "Dare" |  |  |  | 4 |  |  |  |  |
| **8** | **"Boothe"** |  |  |  | **3** |  |  |  |  |
| 9 | "Stibbons" |  |  |  | 6 |  |  |  |  |

Recs

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| memid | surname |  |  |  | recommendedby |  |  |  |  |
| 0 | "GUEST" |  |  |  | null |  |  |  |  |
| 1 | "Smith" |  |  |  | null |  |  |  |  |
| 2 | "Smith" |  |  |  | null |  |  |  |  |
| **3** | **"Rownam"** |  |  |  | **null** |  |  |  |  |
| 4 | "Joplette" |  |  |  | 1 |  |  |  |  |
| 5 | "Butters" |  |  |  | 1 |  |  |  |  |
| 6 | "Tracy" |  |  |  | null |  |  |  |  |
| 7 | "Dare" |  |  |  | 4 |  |  |  |  |
| **8** | **"Boothe"** |  |  |  | **3** |  |  |  |  |
| 9 | "Stibbons" |  |  |  | 6 |  |  |  |  |

\*Ben simdi baska bir uyeyi recommend eden memberlari getirtmek istiyorum. Bunun icin mems tablosunun aynisindan baska bir tablo daha olusturuyorum. Adi da recs olsun. Birbiri ile ayni olan bu 2 tabloyu iliskilendiriyorum. Nasil iliskilendiriyorum?

Bu sefer birindeki memid, oteki tablonun recommendedby’ i ile esit olma kosulu uzerinden iliskilendiriyorum.

Bir member’i ornek olarak yapalim:

Mesela member id’si 8 olan “Boothe” isimli member’i, member id’si 3 olan adi da “Rownam” olan member recommend etmis. Ben bu memberid’si 3 olan member’in isim ve soyismini getirmeliyim soruya gore. Bana “Rownam” gelecek sonucta.

**Mems** tablosundaki recommendedby sutununa gidiyorum, onu **Recs** tablosundaki memid ile esitliyorum. Bu kosul saglandiginda, bana **recs tablosundan** name ve surname’i getir diyorum.

select distinct recs.firstname as firstname, recs.surname as surname

from

cd.members mems

inner join cd.members recs

**on recs.memid = mems.recommendedby**

Ben hangi tablonun memid’sini kullaniyorsam ordan cagirmaliyim name ve surname’i ki, ayni row’da bana getirsin. Burda recs tablosundaki memid’i, mems tablsoundaki recommendedby ile eslestirdigim icin, name ve surname’i recs tablosundan cagiracagim.

(**select distinct** recs.firstname as firstname, recs.surname as surname)