

Assignment 2:

Database Systems

Lecture Covered: 1 to 13 (7 weeks)

Deadline: 18/11/2024

Marks: 10

Submission instruction:

1. Submit a Word file with proper screenshots of output and queries
2. Query file that contains all the tasks with proper comments Late submissions will get no credit.

Assignment ditto copied from internet or class fellow will get no credit.

Problem:

You are analyzing a social network dataset at Google. Your task is to find mutual friends between two users, Karl and Hans. There is only one user named Karl and one named Hans in the dataset.

The output should contain 'user_id' and 'user_name' columns.

Tables: users, friends


users

 Preview

user_id	user_name
1	Karl
2	Hans
3	Emma
4	Emma
5	Mike

user_id:	int
user_name:	varchar

friends

 Preview

user_id	friend_id
1	3
1	5
2	3
2	4
3	1

user_id:	int
friend_id:	int

table preview: this is not complete table