Hi Dr. Serra,

I think I got some incorrect score for my midterm 1.

Below are the comments for my midterm 1. I am quite do not agree with the points lose in Part A and Part C.

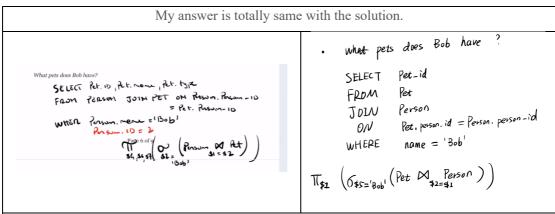
Comments of my midterm 1:

Part A Comments: 1: good, 2: didn't mention performed_by/Performed_on/Owns, 3: should only have listed the PKs once (i.e., leave out contains), 4: Contains relationship does not need FK, Points Taken Away: 3, Part B Comments: CM (3): comment should be an entity, RM (0): consistent with CM, Points Taken Away: 0, Part C Comments: 1: good, 2: good, 3: good, 4: good, 5: don't have person name or ID with each count, Points Taken Away for Queries: 1, Part C RA Comments: all wrong, Points Taken Away for RA: 20, Average Score for Part C: 9.5, Part D Comments: 1: good, 2: good, 3: good, 4: True, 5: good, 6: good, 7: good, 8: good, 9: good, 10: good, 11: False, 12: good, 13: False, 14: good, 15: good, Points Taken Away: 3, Part E Comments: 1: good, 2: good, 3: good, 3: good, 5: good, 6: good, 7: good, 8: good, 10: good, Points Taken Away: 0

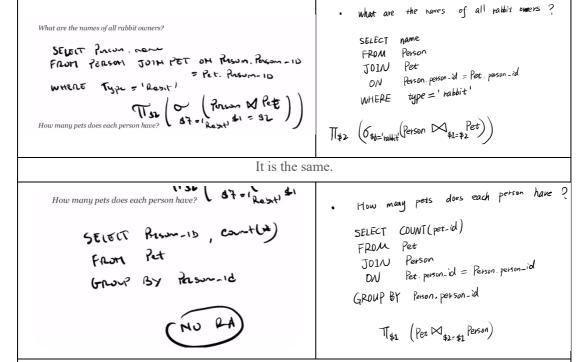
Argument:

Part C:

The solution	My answer
Write SQL queries for each of the following (Graduate students only – write the queries also in relational algebra whenever possible): Who was born in in 1980 or later? SELECT * FROM PERSON WHERE BITHERY 7, 28/31/1980	. Who was born in 1980 or later? SELECT person-id FROM Person WHERE YEAR(birthday) >= 1980' The person The person
Because we want to know who was born in 1980, I add the column.	
What are the names of all the cats? SELECT Neme May (or (Pet)) FROM PET WHERE HYPE = (eat)	• What are the names of all the coots? SELECT name FROM Pet Where type = 'cat' The coots?



Because I join person to pet, the column order in RA is different from the solution (but it should not be the reason to lose score); and I think the pet.ID can represent the pet as it is the primary key in Pet, so I only select Pet.ID.



You didn't give the solution of RA here. But according to the solution of hw2, my answer should be right.

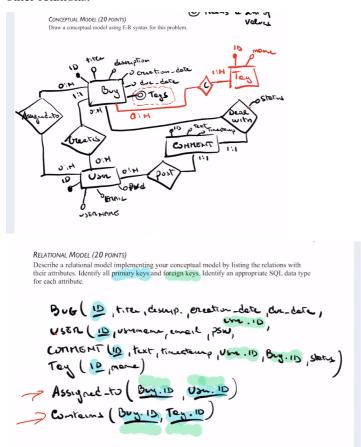
Part A:

For the relational types, I think 'performed by', 'performed on', and 'owns' cannot be considered as independent relations. For example, the relation: 'owns', it can be an element in the entity 'bicycle'. We needn't to set the 'owns' as a single relation. So as the 'performed by' and 'performed on'.

Therefore, I think in this question, think the 'performed by', 'performed on', and 'owns' are relations or don't think they are relations are all right.

Evident:

In the PartB, you only set the Assigned to (buy 10 and) content (buy 10 to 10 as the relations but didn't consider the 'Post', 'deal with' as relations because they can be the elements in other relations.



Thus, I want to take the 3 points back in Part A and 20 points back in Part C. Totally 23 points need to get back.

Thanks,

TJ Zhang

11/13/2022