

CS246 - Answers / Grading Notes for Exercise Set 4

Documentation (10 points)

I just looked to make sure that the required information was there, and was in a reasonably convenient human-readable format.

Exercise 10 (100 points)

As usual, the presentation was scored as follows: if you did the bare minimum, then you got an 80. Making an effort to do as much integration as possible, and making it run reasonably fast, scored you more points.

Exercise 11 (15 points)

(10 points) The reason that two chained mediators are required is due to naming conflicts. If a pivot schema and a base schema have a conflict (say, both have `person.name` facts), but the base schema does not have that relation as a specialty, then two mediators are required: one to rename the relation (say, to `person.temp_name`), and one to name it back.

(5 points) Any of the two combinations will do the trick. Even a facilitator as the second agent would work. Essentially, this was done for you in a lot of cases in Kiosk, where the disambiguation rules served as the second part of the chain.