Lab Exercise: Query Language
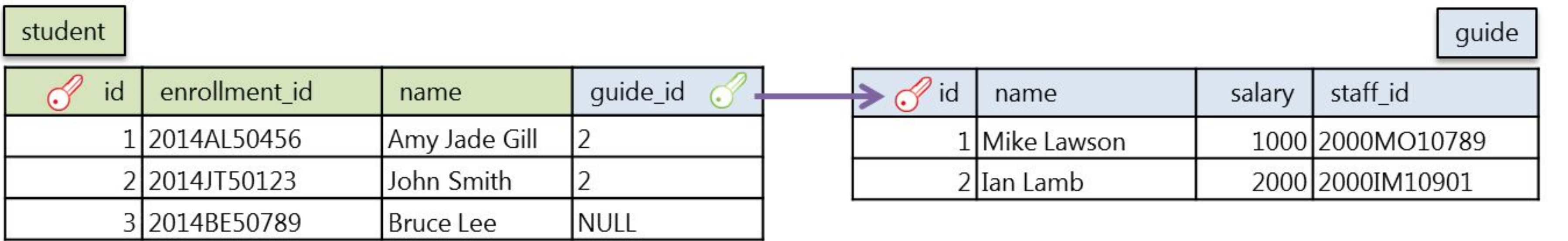
Task 1: As explained in the lecture on Query Language, create the following data in the student and guide tables using an EntityManager and the default fetching strategies for One-To-Many and Many-To-One associations in the bi-directional One-To-Many Guide-To-Student relationship.

student

id	enrollment_id	name	guide_id
1	2014AL50456	Amy Jade Gill	2
2	2014JT50123	John Smith	2
3	2014BE50789	Bruce Lee	NULL

guide

id	name	salary	staff_id
1	Mike Lawson	1000	2000MO10789
2	Ian Lamb	2000	2000IM10901

Task 2: Write a query to retrieve the name and enrollmentId of all the students that have no Guide associated with them for their guidance.

Task 3: Write a query to retrieve the name and staffId of all the guides that have no students under their guidance.

Task 4: Practice all the queries in the HelloWorldClient class, that's provided to you with the source code with this lab exercise.

***The source code files for the lecture on "Query Language" are available to be downloaded with this lab exercise. You could use them to complete the given tasks successfully.