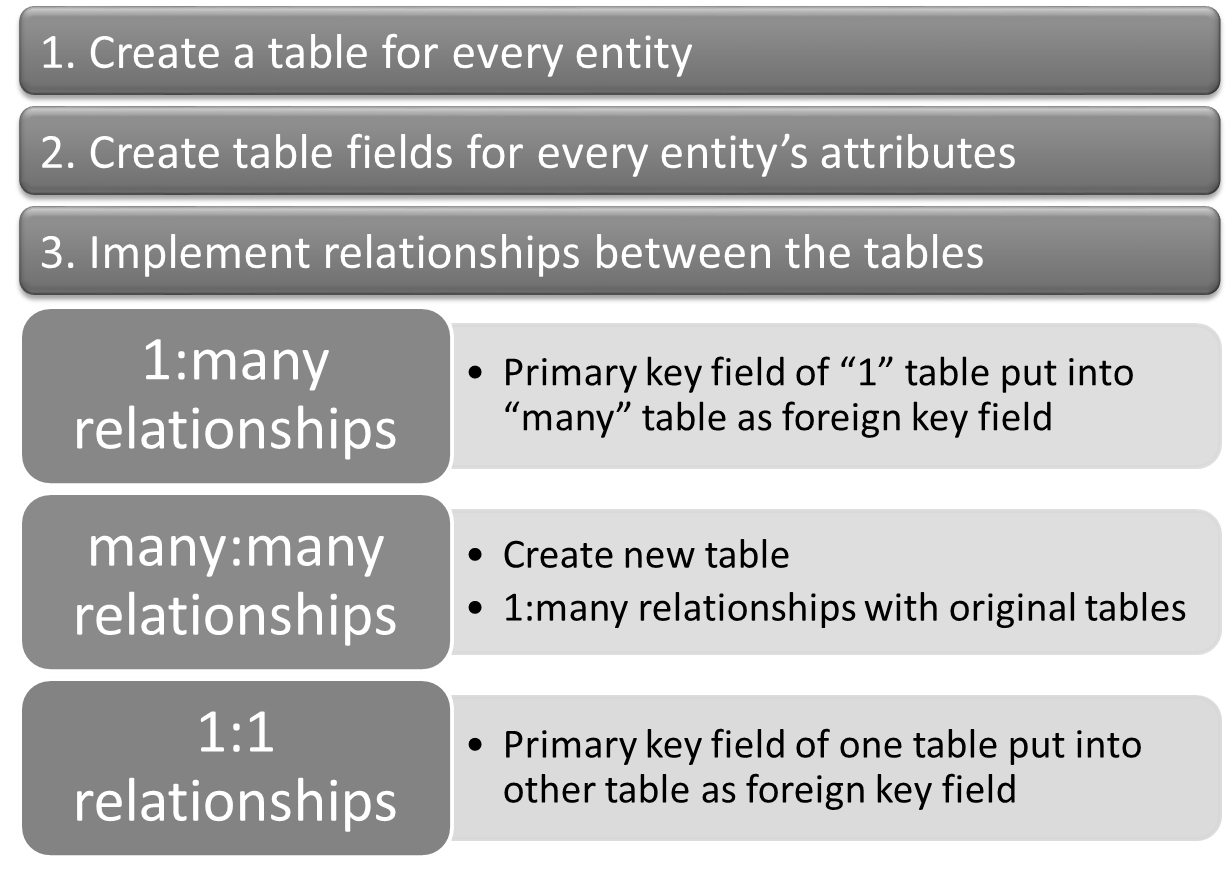
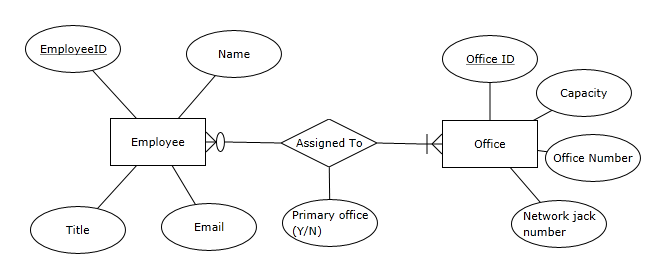
In-Class Activity #1.3: Converting ERDs to Schemas

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| **Submission Instructions**  Submit your solutions as a word or pdf file through **Canvas>Assignments>In-Class Activity Submissions.** Please submit your solution **within three hours after class**.  I suggest you use the **PowerPoint template** I posted for this exercise to create your schemas and paste it to a word document as a picture.  *NOTE: You may have noticed that ERDPlus can also convert an ERD to a schema. But I recommend you* ***NOT*** *to use ERDPlus to create schema because it will not show cardinality.* |

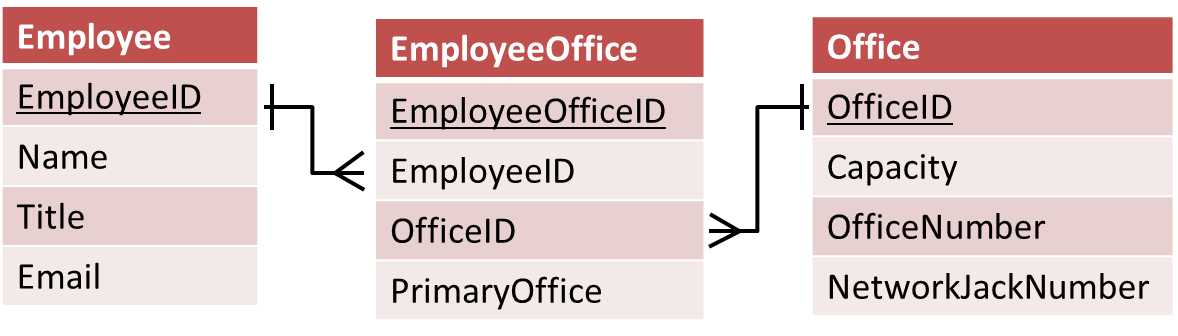
In this activity, we will convert two ERDs (from ICA #1.2) to database schemas. Below are the rules of how to successfully convert an ERD to a schema.

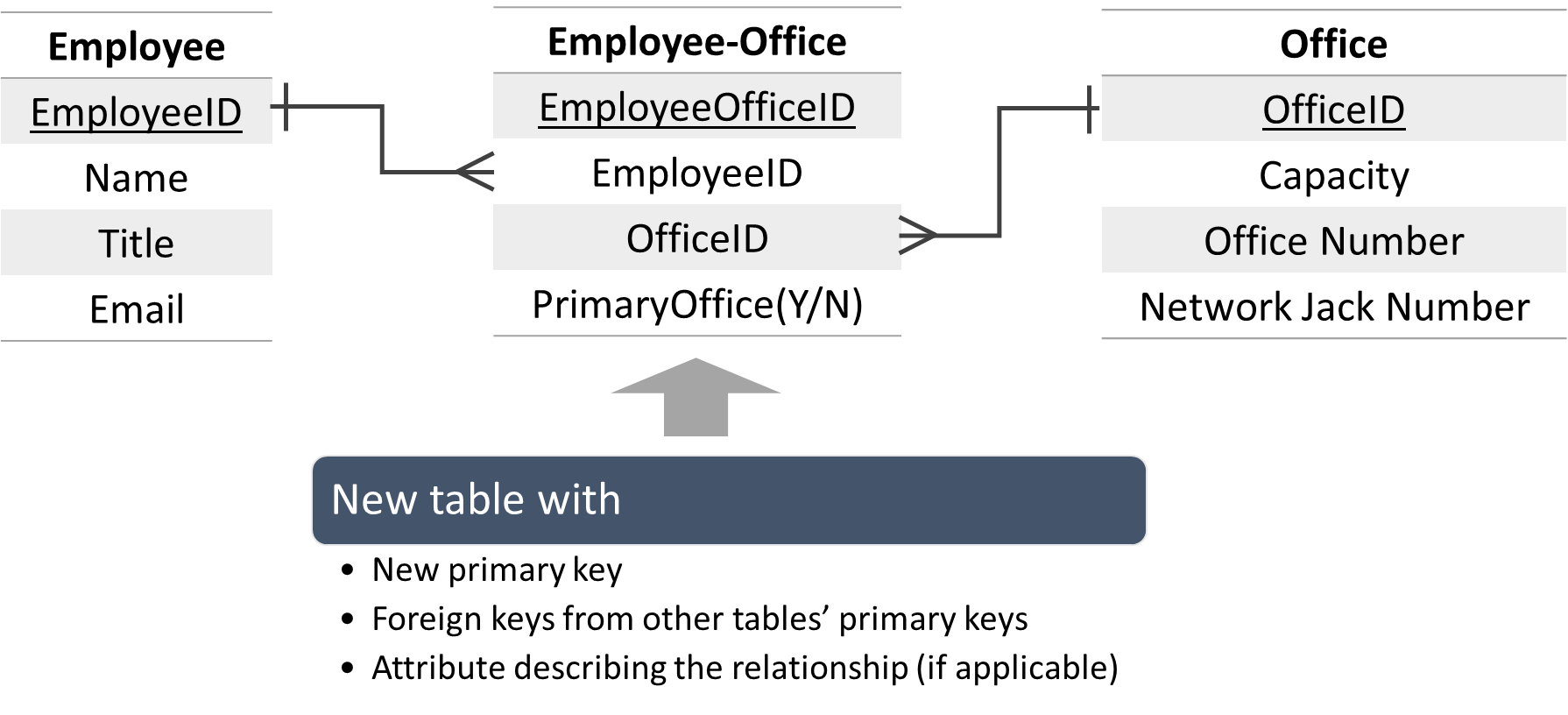


So, for example, if you have this (very simple) ERD with a **many-to-many** relationship:



You’ll wind up with this schema (note that we only specified maximum cardinality):

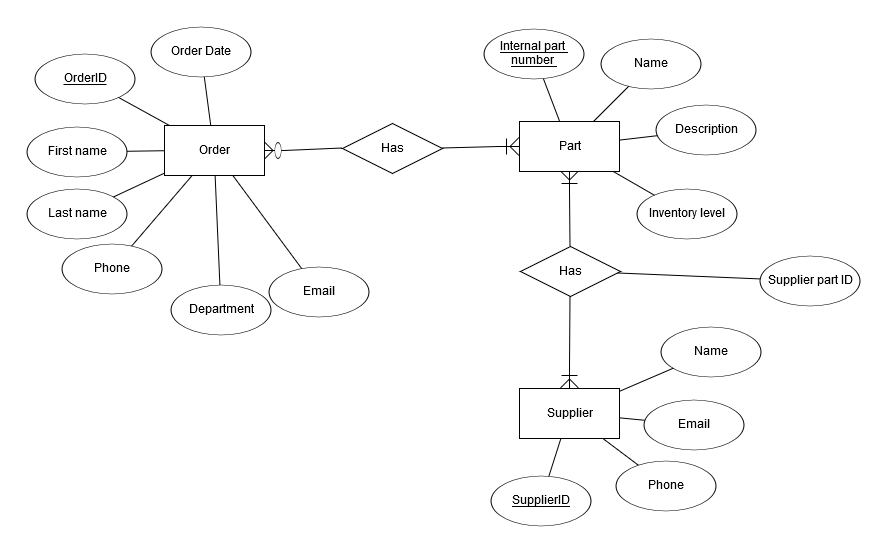




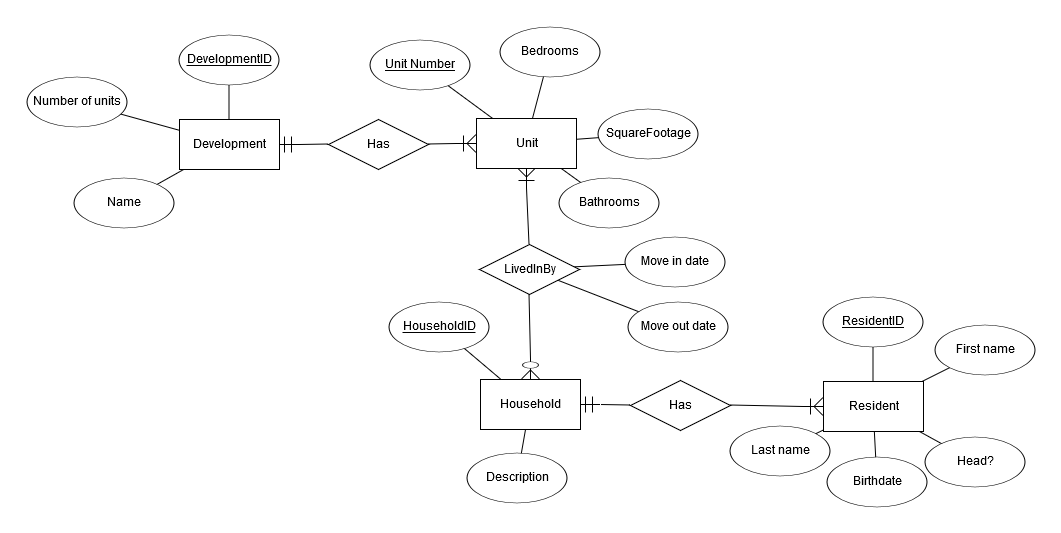
Now create the schemas for the following ERDs.

(For simplicity, you DO NOT need to specify minimum cardinality for the ICA)

**Scenario 1: Inventory and Parts**



**Scenario 2: Housing Authority**

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