Exercise 3.12 Consider the scenario from Exercise 2.2, where you designed an ER diagram for a university database. \Vrite SQL staternents to create the corresponding relations and capture as many of the constraints as possible. If you cannot: capture some constraints, explain why.

Exercise 3.16 Translate your ER diagram from Exercise 2.6 into a relational schema, and show the SQL statements needed to create the relations, using only key and null constraints. If your translation cannot capture any constraints in the ER diagram, explain why.

In Exercise 2.6, you also modified the ER diagram to include the constraint that tests on a plane must be conducted by a technician who is an expert on that model. Can you modify the SQL statements defining the relations obtained by mapping the ER diagram to check this constraint?