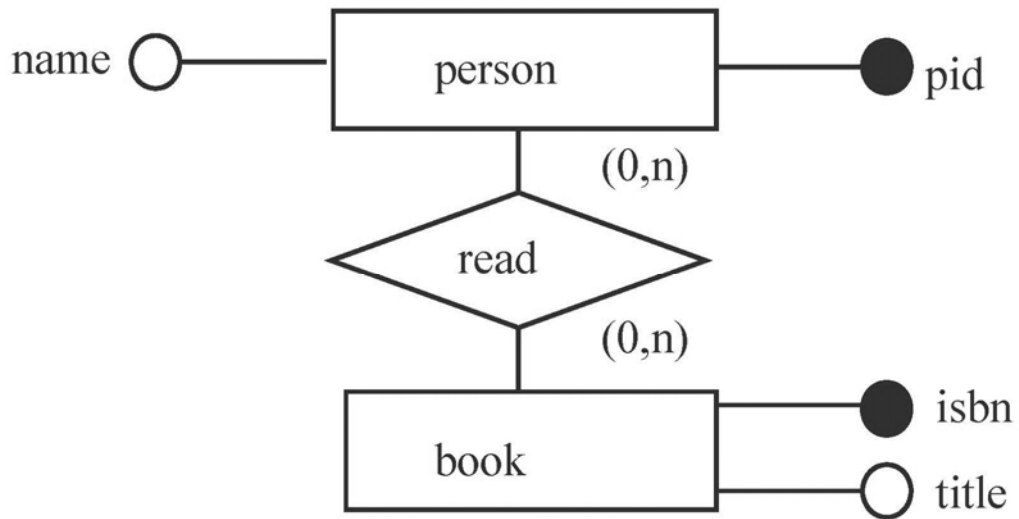


Exercise 1.

Consider the following entity-relationship diagram.



Question 1. Translate the entity-relationship diagram into SQL DDL statements

Exercise 2. Consider the following self-describing schema with the underlined prime attributes and the corresponding foreign keys.

person(id, name)

read(id, isbn)

book(isbn, title)

Question 1. Find the different identifiers of the persons who read at least one book.

Question 2. Find the name of the persons and the title of the books they read.

Question 3. Find the name of the persons and the isbn of the books they read.

Question 4. Find the name of the persons and the number of books they read.

Question 5. Find the name of the persons who read all the books (use aggregate functions).

Question 6. Find the name of the persons who did not read all the books (do not use aggregate functions).