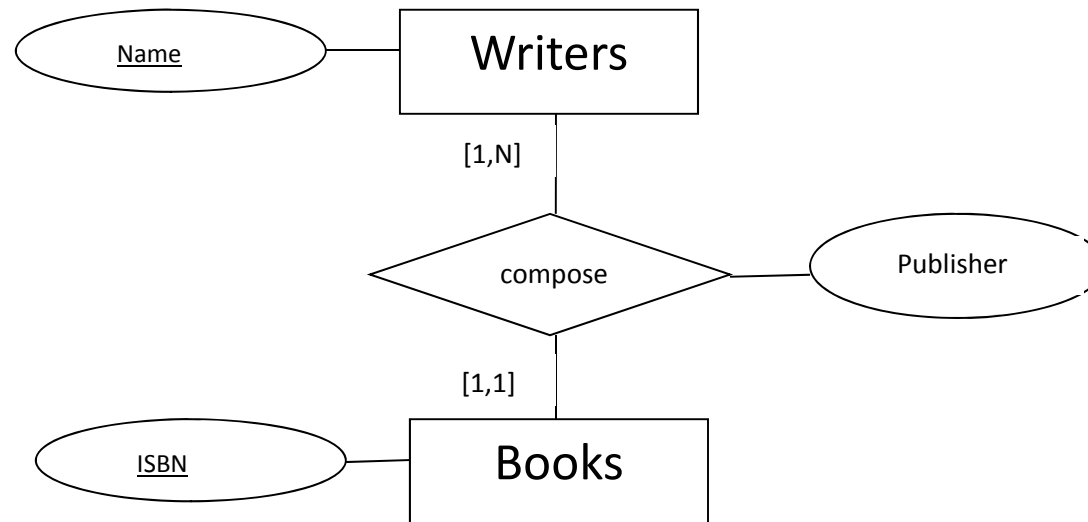# Sample assignment

Assignment 1 (E/R-Modelling) 7 Points

Given the following E/R-Model (in the notationof the lecture) with an excerpt of the world of literature.

Name — Writers

[1,N]

compose — Publisher

[1,1]

ISBN — Books

Can a book be composed by several writers? ~~yes~~ no [1,**1**]
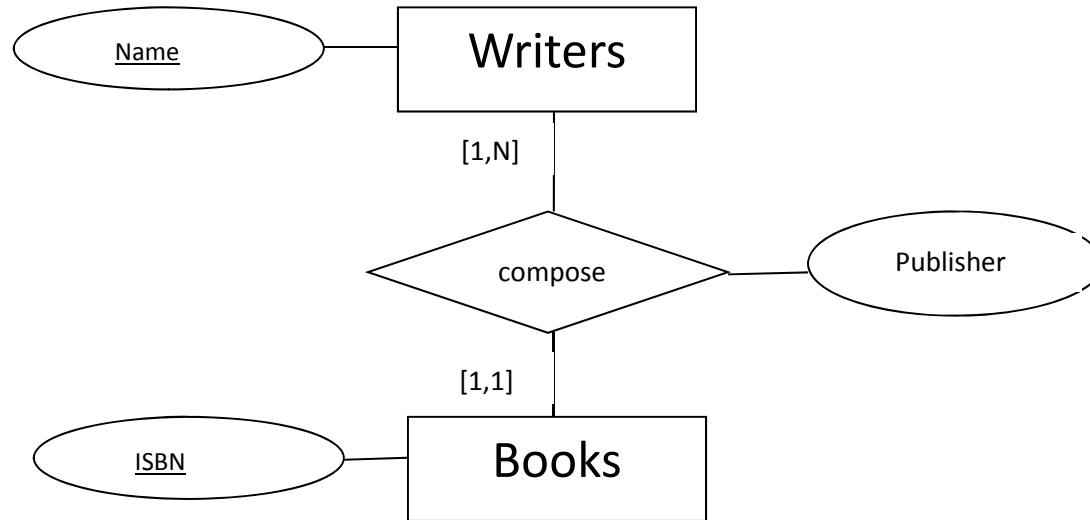
Can a writer compose several books? yes ~~no~~ [1,**N**]

Can a writer also compose no books? ~~yes~~ no [**1**,N]

Give a **short** explanation in each case.

Sample assignment (cont'd)

Describe the **two** tables which stem from the **refined** transformation of 1:N relationships to relational schemas for the above model.

Use the short notation T(<u>A</u>, B, ..) with T: Table name, A and B attributes, A primary key.

Writers (<u>Name</u>)   Books (<u>ISBN</u>, Name, Publisher)