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Module assignment 3-2

A screenshot of a computer

Description automatically generated



The assumption is that the table is in 1NF. First, I eliminated any partial dependency of attributes, and then in a 3NF I eliminated transitive dependency. So, in 3NF, I have 3 tables (Book, Author, and Publisher tables). Since there is no ID number for book and author, I assumed that Book\_isbn is the primary key for the Book table and Author\_phone (the phone number is unique I guest) is the primary key for the Author table, and a Publisher\_ID remains the primary key for the Publisher table. In this case, I assumed that one book is written by one author and published by one publisher.