Carmen Mendoza

Module 3.2

For this assignment I started by organizing the fields into separate tables and worked through the normalization steps of 1NF to 3NF. My assumption for Step 1 is each book has one publisher. Each author can write multiple books, and a book can have multiple authors. Publishers and authors can have multiple contacts (email, phone, addresses).

Step 2 Assumptions:

For book\_isbn is uniquely identifies books and author\_ID uniquely identifies authors. The fields that depend on only one primary key need to be separated out.

Step 3 Assumptions:

For step 3 I separated out the information that can exist independently. Meaning separating author contact details from the author data.

Final Tables in 3NF Assumptions:

This final table is in 3NF with no repeating groups, no partial dependencies, and no transitive dependencies.







