29 October 2020
Lab 4

Part 1

Case Study 2

OrderItem (*Order Num*, <u>Line</u>, <u>Item Number</u>, Description, Qty Ordered, Price Each)
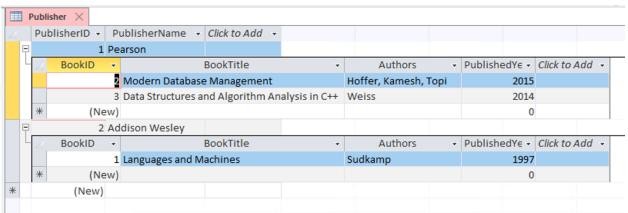
Would turn into:

OrderItem (*Order Num*, <u>Line</u>, *Item Number*, Qty Ordered)

Item (<u>Item Number</u>, Description, Price Each)

Case Study 2

1.

2. It is not in 3NF because it has multiple attributes in the "Author" field. You can go through the steps of making multiple entries for the same book, but just with a different author, but I think in the end you're just going to make a separate "Author" table with a surrogate key for Author Name, and then you can select multiple authors for each book.

Part 2

Video (<u>VideoID</u>, *User Name*)

User (<u>*User Name*</u>, *User Tier*)

VideoData (<u>*VideoID*</u>, Video Title, Stream Start, Video Duration, *Content Rating*)

Tier (<u>User Tier</u>, Min Tier Followers)

Rating (<u>Content Rating</u>, Rating Description)