Homework 02

**Question 1:**

1NF:

BookStore (Title, Author, Format, Price, Genre, Year, ISBN, Publisher, Publisher City)

Functional Dependencies:

Author, Format, ISBN -> Price,

ISBN -> Genre, Year, Title, Publisher, Publisher City Publisher -> Publisher City

2NF:

Books (ISBN, Genre, Year, Title, Publisher, Publisher City) BookFormat (ISBN, Author, Format, Price)
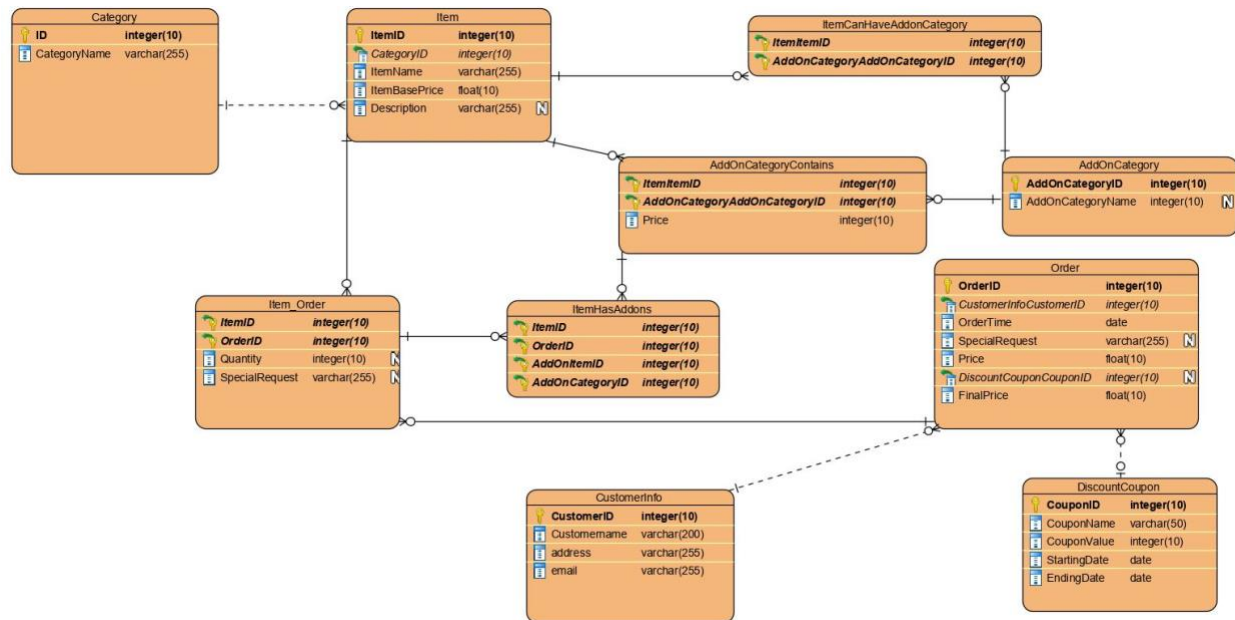
3NF:

Books (ISBN, Genre, Year, Title, Publisher)

Publishers (Publisher, Publisher City)

BookFormat (ISBN, Author, Format, Price)

**Question 2:**



**Entities:**

Item, Customer Info, Order, Category, Discount Coupon

**Relationships/ Cardinalities**

Item – Order M-M

Item-Category M-1

CustomerInfo – Order 1-M

Discount Coupon – Order 1-1

**PK/FK**

**Attributes:**

Customer details in customer info,

Item attributes,

Item/Order quantity and special request,

Coupon details