Spring 2022

Assignment 1: OOP Concepts revised

Total Marks: 100   Deadline: Monday 4th April Midnight

You are developing a simple POS system for a book store, the features include:

- Customer can ask for any book and its quantity from the available books.
- He/she can drop any item during shopping.
- There can be different categories of Books (atleast three categories) with atleast one specialized attribute
- After he finish shopping he will ask cashier to generate receipt of all the books.
- Discounts / Promotions / Taxes and Bundle offers should be applied on different types of Books.
- Count of books is managed by store keeper.
- Book addition will be done by Store keeper
- Books data is updated after every shopping.

All modules should be implemented, you can take your assumptions, create classes and relationship among them. Grading will be relative.

Guidelines:

- **You have to submit your individual work till deadline on created link on lms**
- **Attach a zip of VS project with your id as file name.**
- **Delete debug folder from your project to reduce its size.**
- **Your viva will be conducted by TA in lab or zoom, schedule will be provided to you by TA.**
- **No late submission is allowed**
- **Do proper commenting and indentation.**
- **Any copy case will be marked zero and case is forwarded to DC.**

School of Systems and Technology, UMT