

FirstbitSolutions

Python Assignment – (OOP)

1. Create a class Book with members as bid,bname,price and author.Add following methods:
 - a. Constructor (Support both parameterized and parameterless)
 - b. Destructor
 - c. ShowBook
 - d. Add static variable count and also maintain count of objects created.

2. Create a class Product with members as pid,pname,price and quantity .Add following methods:
 - e. Constructor (Support both parameterized and parameterless)
 - f. Destructor
 - g. ShowBook
 - h. Add static member discount.
 - i. Provide methods for applying discount on price of product.

3. Create a class Shirt with members as sid,sname,type(formal etc), price and size(small,large etc) .Add following methods:
 - j. Constructor (Support both parameterized and parameterless)
 - k. Destructor
 - l. ShowBook
 - m. For each size of shirt price should change by 10%.

(eg. If 1000 is price then small price = 1000, medium = 1100, large=1200 and xlarge=1300) Use static concept.