Python Assignment – (Static)

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.