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.