a discount system for a beautySaloon, which

provides services and sells beauty products. It offers 3 types of

memberships: Premium, Gold and Silver. Premium, gold and silver

members receive a discount of 20%, 15%, and 10%, respectively, for all

services provided. Customers without membership receive no

discount. All members receive a flat 10% discount on products

purchased ﴾this might change in future). system shall consist of

three classes: Customer, Discount and Visit, as shown in the class

diagram. It shall compute the total bill if a customer purchases $x of

products and $y of services, for a visit. Also write a test program to

exercise all the classes.

