

Class Notation (Standard Scenario)

1. Draw appropriate class notation for the following class:

In a Super Shop Management System, a class named Product is responsible for storing all the information regarding a product. The class has attributes: ProductId, ProductName, BuyingPrice, SellingPrice and profit. They are Text, Text, double, double and double in type respectively. First four are private and the last one is public. The attribute profit is a derived attribute and ProductId is unique and 8 in length. The class has the following operations: getProductName() that returns the name of the product, setSellingPrice(double price) that sets the selling price of a product and can only be accessed by the admin. The class also have a static operation enableDiscount(Boolean status). All the operations of the class is public.