

1

Create an application which stores details for 2 different types of Products.

Following info has to be present

- Product Name
- Unique Identification for the Product
- Type of Product (Books/Toys)
- Stock available in hand
- Product Price
- Description of product

Following processes should be assigned to the abstraction to achieve ability to :

- Create an object by passing Name and total stock available
- Display all info
- change description of Product
- Order a product by name and qty and generate the Bill amount
- Calculate Discount

Following are some constraints/conditions on the above process depending on the type :

Order

- Qty Ordered should be check against the stock available

Calculating discount

Type = Books

- Discount Rate : 10 % per Book

Type = Toys

- Discount Rate : 15 % on total amount for all Toys which are for those kid in the age range of 2-4 Yrs

- Discount Rate : 5 % on total amount for all Toys which are for those kid in the age range of 4-5 Yrs

- Discount Rate: No discount above age 5

In the application create 4 Object of Product (2 of each type)

Hard code the values at the time of object creation in application.

Test all the processes mentioned for each type.

2	<p>Assume that we have to maintain a sports scheduler.</p> <p>On a Day more than one game can be scheduled. A team may be playing more than one game on a Day. A player can be part of more than one teams and he may be playing more than one games on a day.</p> <p>Write an application which will:</p> <ol style="list-style-type: none">1) Replicate the above mentioned Sports Scheduler2) One should be able to view: Player wise Schedule, Game Wise schedule, Day Wise Schedule.3) Add a new Schedule
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