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**//**S.E(IT)****

**//**Roll no. 44****

**//CODE**

**import java.util.Scanner;  
import java.io.\*;  
  
class Publication  
{  
 String title;  
 int price,copies;  
  
 public static int total = 0;  
  
 public int salecopy()  
 {  
 System.out.println("Total sale of the Publication is:"+ (copies\*price));  
 return (copies\*price);  
 }  
  
 public int getcopies()  
 {  
 return this.copies;  
 }  
   
 public int setcopies(int cp)  
 {  
 return this.copies = cp;  
 }  
  
 public int setprice(int p)  
 {  
 return this.price = p;  
 }  
}  
  
class Book extends Publication  
{  
String author;  
int pcopies,price1;  
public int salecopy()  
{  
System.out.println("\n Total Sale of Books is:"+ (copies\*price));  
total = total+(copies\*price);  
return (copies\*price);  
}  
  
public void ordercopies()  
{  
 Scanner in= new Scanner(System.in);  
 System.out.println("Enter the title of the Book to be ordered:");  
title = in.nextLine();  
  
System.out.println("Enter the author of the Book to be ordered:");  
author = in.nextLine();  
  
System.out.println("Enter the number of Copies of the Books to be ordered:");  
pcopies = in.nextInt();  
  
System.out.println("Enter the Price of the Books to be ordered:");  
price1 = in.nextInt();  
  
setcopies(getcopies()+pcopies);  
setprice(price1);  
}  
  
}  
  
class magazine extends Publication  
 {  
 private int orderQty;  
 private String currissue;  
   
 public String getcurrissue()  
 {  
 return this.currissue;  
 }  
 public void setcurrissue(String issue)  
 {  
 this.currissue = issue;  
 }  
 public int getorderQty()  
 {  
 return this.orderQty;  
 }  
   
 public void setorderQty(int copies)  
 {  
 this.orderQty=copies;  
 }  
  
 public int salecopy()  
 {  
 System.out.println("Total sale of Magazine is : "+(copies\*price));  
 total = total + (copies\*price);  
 return (copies\*price);  
 }  
  
 public void recvNewissue(String pNewissue)  
 {  
 setcopies(orderQty);  
 currissue = pNewissue;  
 }  
 }  
  
 public class Exp2  
 {  
 public static void main(String args[])  
 {  
 Book b1 = new Book();  
 b1.ordercopies();  
  
 System.out.println("Total copies of the Book ordered :" + b1.copies);  
 System.out.println("Name of the Book1 order :" + b1.title);  
 b1.salecopy();  
  
 Book b2 = new Book();  
 b2.ordercopies();  
   
 System.out.println("\n Total Copies of Book2 ordered : "+b2.copies);  
 System.out.println("Name of the Book2 ordered : " + b2.title);  
 b2.salecopy();  
 System.out.println("\n Total Sale of Publication is : "+ b1.total);  
 }  
}**

****OUTPUT****

**Enter the title of the Book to be ordered:**

**Think like a Monk**

**Enter the author of the Book to be ordered:**

**Jay Shetty**

**Enter the number of Copies of the Books to be ordered:**

**7**

**Enter the Price of the Books to be ordered:**

**249**

**Total copies of the Book ordered :7**

**Name of the Book1 order : Why Didn't They Teach Me This in School?**

**Total Sale of Books is : 1743**

**Enter the title of the Book to be ordered:**

**Wings of Fire**

**Enter the author of the Book to be ordered:**

**A.P.J Abdul Kalam and Arun Tiwari**

**Enter the number of Copies of the Books to be ordered:**

**10**

**Enter the Price of the Books to be ordered:**

**249**

**Total Copies of Book2 ordered : 10**

**Name of the Book2 ordered : Wings of Fire**

**Total Sale of Books is:2490**

**Total Sale of Publication is : 4233**