

## ASSIGNMENT NO 02

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```
import java.util.Scanner;
public class Main {
    public static void main(String[] args) {

        Scanner sh = new Scanner(System.in);
        int choice,co,ca=0;
        String s,au;
        double p;
        while (ca != 1) {
            System.out.println("\n\n$$$$$$$$$$$$ MENU $$$$$$$$$$$$$$$$$\n\n\n");
            System.out.println("1.Book Order\n2.Magzine order\n3.Total book Sale\n4.Total Magazine Sale\n5.Total publication Sale\n6.Exit\nWhich of The above Operation do you Perform??");
            choice=sh.nextInt();
            switch (choice) {
                case 1:
                    System.out.println("Please enter the Tittle Of the book");
                    s = sh.nextLine();
                    sh.nextLine();
                    System.out.println("Please enter the price Of the book");
                    p = sh.nextDouble();
                    System.out.println("Please enter the No of Copies Of the book");
                    co = sh.nextInt();
                    System.out.println("Please enter the Author Of the book");
                    au = sh.nextLine();
                    sh.nextLine();
                    book bk = new book(s, p, co, au);
                    bk.Ordercopies();
                    bk.salecopy();
                    break;

                case 2:
                    System.out.println("Please enter the Tittle Of the magazine");
                    s = sh.nextLine();
                    sh.nextLine();
                    System.out.println("Please enter the price Of the magazine");
                    p = sh.nextDouble();
                    System.out.println("Please enter the No of Copies Of the magazine");
                    co = sh.nextInt();
                    System.out.println("Please enter the Current Issue Of the magazine");
                    au = sh.nextLine();
                    magazine mg = new magazine(s, p, co, au);
                    mg.reciev_new_issue();
                    mg.salecopy();
                    break;
```

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        case 3:
            System.out.println(book.total_booksale);

        case 4:
            System.out.println(magzine.total_magzine_sale);

        case 5:
            System.out.println(publication.total_publication_sale);

        case 6:
            ca = 1;

    }
}
System.out.println("Thank You");
}
}

```

```

public class book extends publication{

    public String author;
    public static int total_booksale;
    public book(String t,double p,int c,String a){
        super(t,p,c);
        this.author=a;
    }

    public void Ordercopies(){
        System.out.println("Ordered Copies are :"+this.copies);
    }

    @Override
    public void salecopy(){
        double book_sale=this.price *this.copies;
        total_booksale+=book_sale;
        System.out.println("Book Sale is:"+book_sale);
        System.out.println("\nTotal Book Sale is:"+total_booksale);
        System.out.println("-----");
    }

}

```

```

public class magzine extends publication{
    String current_issue;
    public static double total_magzine_sale;
    int order_quantity;
    public magzine(String t,double p,int c,String n){
        super(t,p,c);
        this.current_issue=n;
    }

    void reciev_new_issue(){
        System.out.println("The Current issue of Your Magazine Is: "+this.current_issue);
    }
    @Override
    public void salecopy(){
        double magazine_sale=this.price *this.copies;
        total_magzine_sale+=magazine_sale;
        System.out.println("Book Sale is:"+magazine_sale);
        System.out.println("\nTotal Book Sale is:"+total_magzine_sale);
        System.out.println("-----");
    }
}

```

```

public class publication {
    String title;
    double price;
    int copies;
    static double total_publication_sale;
    publication(String t,double p,int c){
        this.title=t;
        this.copies=c;
        this.price=p;
    }

    public void salecopy(){
        //double magazine_sale=this.price *this.copies;
        total_publication_sale=book.total_publication_sale + magazine.total_magzine_sale;

        System.out.println("Total Publication Sale is:"+total_publication_sale);
        System.out.println("-----");
    }
}

```