Practical No. 2

```java
package Prac2;
import java.util.*;

class publication
{
        String title;
        int price,copies;
        static int total=0;
        Scanner sc = new Scanner(System.in);

        void salecopy()
        {
                System.out.println("Total sales of publication is = "+total);
        }
}

class Book extends publication
{
        String author;

        void getdata()
        {
                System.out.println("Enter Book Details :");
                System.out.println("Enter Title of the Book :- ");
                title = sc.nextLine();
                System.out.println("Enter Author of the Book :-");
                author = sc.nextLine();
                System.out.println("Enter number of copies :- ");
                copies = sc.nextInt();
                System.out.println("Enter Price of the Book :- ");
                price = sc.nextInt();
        }

        void orderCopies()
        {
                System.out.println("\n\nNumber of copies ordered = "+copies);
        }

        void salecopy()
        {
                int sale = price * copies;
                System.out.println("sale is = "+sale);
                total = total + sale;
        }
}

class Magzine extends publication
{
        int orderQty,current_issue;

        void getdata()
        {
                System.out.println("Enter Magzine Details :");
                System.out.println("Enter Title of the Magzine :");
                title = sc.nextLine();
                System.out.println("Enter Current issues :");
                current_issue = sc.nextInt();

                System.out.println("Enter Order Quantities :");
                orderQty = sc.nextInt();
                System.out.println("Enter price of Magzine :");
```

```java
                price = sc.nextInt();
        }

        void receiveissue()
        {
                System.out.println("\n\nCurrent Issues :"+current_issue);
        }

        void salecopy()
        {
                int sale = orderQty*price;
                System.out.println("Sale is ="+sale);

                total = total + sale;
        }
}

public class Book_Magzine {

        public static void main(String[] args)
        {
        int choice;
        Scanner sc = new Scanner(System.in);

        do
        {
          System.out.println("\n1.Book\n2.Magzine\n3.Publication\n4.Exit");
          System.out.println("Enter your choice : ");
          choice = sc.nextInt();

          switch(choice)
          {
              case 1:
                        Book b = new Book();
                        b.getdata();
                        b.orderCopies();
                        b.salecopy();
                        break;

              case 2:
                    Magzine m = new Magzine();
                    m.getdata();
                    m.receiveissue();
                    m.salecopy();
                    break;

              case 3:
                    publication p = new publication();
                    p.salecopy();
                    break;

              case 4:
                        System.out.println("Exit");
                        break;
          }

        }while(choice<4);

        }
}
```

OUTPUT :

```
1.Book
2.Magzine
3.Publication
4.Exit
Enter your choice :
1

Enter Book Details :
Enter Title of the Book :-
Rich Dad poor dad
Enter Author of the Book :-
Robert kiyosaki
Enter number of copies :-
4
Enter Price of the Book :-
500


Number of copies ordered = 4
sale is = 2000

1.Book
2.Magzine
3.Publication
4.Exit
Enter your choice :
2

Enter Magzine Details :
Enter Title of the Magzine :
Time Magzine
Enter Current issues :
15
Enter Order Quantities :
3
Enter price of Magzine :
350


Current Issues :15
Sale is =1050

1.Book
2.Magzine
3.Publication
4.Exit
Enter your choice :
3

Total sales of publication is = 3050
```