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import java.util.*;
public class Program1 {
public static void man(String[]args)
{
    Scanner sc =new Scanner(System.in);
    //let the user give the size of array
    System.out.println("How many books availabe in library:");
    int size=sc.nextInt();
    //Create two array one for book title and another for available copies
    String bookTitle[]=new String[size];
    int availableCopies[]=new int[size];
    //read the items and fill the array
    readingBooks(bookTitle,availableCopies);//reading method

    //ask user for borrow or return book
    int choice;
    do

    {
        System.out.println("What do you want?\n1. Borrow a Book.\n2. Return a Book.");
        choice=sc.nextInt();
        choice=showMenu();
        switch(choice){

            case 1:printBooks(bookTitle,availableCopies);
            break;
            case 2: System.out.println("Enter the book you want:");
            String wantedBook=sc.next();
            int index=searchBook(bookTitle,availableCopies,wantedBook);

            if(availableCopies[0]==0)
                System.out.println("This book is not available");
            else

                System.out.println("The Book is availabe:"+index);
            int size1 = 0;
            availableCopies[0]=size1-1;

            System.out.println("You are borrowing "+wantedBook+"book.");
            break;

            default: System.out.println("Wrong Choice! select another book.");

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        }//end of switch
    }while(choice!=0);//end of the loop

}

//end of the main method

//reading method
public static void readingBooks(String bookTitle[],int availableCopies[])
{
    Scanner sc=new Scanner(System.in);
    for(int i=0;i<availableCopies.length;i++)
        System.out.println("Enter the Book Title["+i+"]:");
    int i=0;
    bookTitle[i]=sc.next();
    System.out.println("Enter the available copies of this book["+i+"]:");
    availableCopies[i]=sc.nextInt();

}

// printing array method
public static void printBooks(String bookTitle[],int availableCopies[])
{
    for(int i=0; i<bookTitle.length; i++)
        System.out.println("Book Name:"+bookTitle[i]+" \n Available
Copies:"+availableCopies[i]);
}

//search method
public static int searchBook(String bookTitle[],int availableCopies[],String searchedBook)
{
    for(int i=0;i<bookTitle.length;i++)
        if(searchedBook.equalsIgnoreCase(bookTitle[i]))
            return i;
    return -1;//this statement outside the loop
}

public static int showMenu()
{
    Scanner sc=new Scanner(System.in);
    System.out.println("print all books and available copies");

    System.out.println("Or press zero to stop");
    int choice = sc.nextInt();
    return choice;
}

```

}

}