JAVA LIBRARY  
  
import javax.sound.midi.Soundbank;  
import java.sql.SQLOutput;  
import java.util.Arrays;  
import java.util.Scanner;  
import java.util.Random;  
  
class Library{  
 String[] books;  
 int noofbooks=0;  
 Library(){  
 this.books=new String[100];  
 }  
 void addBooks(String book){  
 books[noofbooks]=book;  
 noofbooks++;  
 System.*out*.println(book+" book has been added");  
 }  
 void showavaialablebooks(){  
 for(String book: books){  
 if(book==null){  
 continue;  
 }  
 else{  
 System.*out*.println("\* "+book);  
 }  
 }  
 }  
 void issuebooks(String book){  
 for(int i=0;i<books.length;i++){  
 if(books[i]==book){  
 System.*out*.println(book+" book has been issued");  
 books[i]=null;  
 return;  
 }  
  
 }  
 }  
 void returnbook(String book){  
 addBooks(book);  
 }  
  
}  
  
public class Main {  
 public static void main(String[] args) throws java.lang.Exception{  
 Library centralibrary=new Library();  
 centralibrary.addBooks("Rich dad poor dad");  
 centralibrary.addBooks("JAVA");  
 centralibrary.addBooks("DATA STRUCTURES");  
 centralibrary.addBooks("ALGORITHMS");  
 centralibrary.showavaialablebooks();  
 centralibrary.issuebooks("JAVA");  
 centralibrary.showavaialablebooks();  
 centralibrary.returnbook("JAVA");  
 centralibrary.showavaialablebooks();  
  
  
  
  
 }  
  
}