public class Book { private String bookName; private String authorName; private double bookCost; public String getBookName() { return bookName; }public void setBookName(String bookName) { this.bookName = bookName; }public String getAuthorName() { return authorName; }public void setAuthorName(String authorName) { this.authorName = authorName; }public double getBookCost() { return bookCost; }public void setBookCost(double bookCost) { this.bookCost = bookCost; }@Override public String toString() { return "Book [bookName=" + bookName + ", authorName=" + authorName + ", bookCost=" + bookCost + "]"; } }

import java.util.List; import java.util.stream.Stream; import java.util.\*;import java.util.Map; import java.util.stream.Collectors; import java.util.Collections; public class BookUtility { private List<Book> bookList; public List<Book> getBookList(){ return this.bookList; }public void setBookList(List<Book> bookList ){ this.bookList = bookList; } public Stream<Book> listToStream() { return getBookList().stream(); }public List<Double> calculateBookDiscount(Stream<Book> stream1) { List<Double> ans = stream1.map(Book::getBookCost).collect(Collectors.toList()); Double MUTIPLY\_ELEMENT=0.90; List<Double> answer = ans.parallelStream().map(in -> in \* MUTIPLY\_ELEMENT).collect(Collectors.toList()); return answer; } }

import java.util.\*; import java.util.stream.Stream; public class UserInterface { public static void main(String [] args) { Scanner sc = new Scanner(System.in); System.out.println("Enter the number of books"); int N=sc.nextInt(); if(N>0) {List<Book> list = new ArrayList<Book>(); System.out.println("Enter book details");sc.nextLine(); String arr[]=new String[N]; for(int i=0;i<N;i++) { arr[i]=sc.nextLine(); }for(int i=0;i<N;i++) { Book b=new Book(); String[] word=arr[i].split(":"); b.setAuthorName(word[1]); b.setBookName(word[0]); double v=Double.parseDouble(word[2]); b.setBookCost(v); list.add(b); }BookUtility B=new BookUtility(); B.setBookList(list); Stream<Book> stream=B.listToStream(); List<Double> answer=B.calculateBookDiscount(stream); System.out.println("Updated Book Cost:"); for(int i=0;i<N;i++) { System.out.println(answer.get(i)); }}else{ System.out.println("Invalid Entry"); } } }