class BookFair {

// Instance variables

String BName;

double price;

// Parameterized constructor to initialize data members

public BookFair(String BName, double price) {

this.BName = BName;

this.price = price;

}

// Method to calculate the price after discount

public void calculate() {

if (price <= 1000) {

price -= (2/100 \* price);

} else if (price <= 3000) {

price -= (10/100 \* price);

} else {

price -= (15/100 \* price);

}

}

// Method to display the name and price of the book after discount

public void display() {

System.out.println("Book Name: " + BName);

System.out.println("Price after discount: Rs. " + price);

}

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter the name of the book: ");

String bookName = scanner.nextLine();

System.out.print("Enter the price of the book: Rs. ");

double bookPrice = scanner.nextDouble();

// Create an object of the BookFair class

BookFair book = new BookFair(bookName, bookPrice);

// Calculate the price after discount

book.calculate();

// Display the book details after discount

book.display();

}

}