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public class Backpacks {
    private String phone;
    private String homework;
    private double zipped;
    private static int numItems; //static variable
    public Backpacks(String phone, String homework, double zipped, int numItems)
    {
        super();
        this.phone = phone;
        this.homework = homework;
        this.zipped = zipped;
        this.numItems = numItems;
    }
    public Backpacks(String homework, int numItems) //overloaded method
    {
        this.homework = homework;
        this.numItems = numItems;
    }
    @Override
    public String toString() {
        return getZipped() + "You have " + numItems + " items\n" +
            getNumItems() + "\n" + getHomework() + getPhone();
    }

    public static int getNumofItems() //static method
    {
        return numItems+Book.numOfBooks;
    }

    public Book returnBookClass() //returns object reference
    {
        Book book = new Book();
        return book;
    }

    public String getPhone() {
        if (phone.equals("Out"))
        {
            System.out.println("Put your phone away!");
        }
        else
        {
            System.out.println("You are a responsible student!");
        }
        return "";
    }

    public void setPhone(String phone) {
        this.phone = phone;
    }
    public String getHomework() {
        String homework = "";
        if (homework.equals("Out"))
        {
            homework = "Take your homework out.";
        }
    }
}

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    }
else
    {
        homework = "Your homework better be finished...";
    }
    return homework;
}

public void setHomework(String homework) {
    this.homework = homework;
}

public String getZipped() {
    while (zipped < 1.0)
    {
        System.out.println("Zip");
        zipped = zipped + .25;
    }
    {
        return "";
    }
}

public void setZipped(double zipped) {
    this.zipped = zipped;
}

public String getNumItems() {
    String books = "";
    if (numItems > 10)
    {
        books = "Put your books in a locker!";
    }
    else
    {
        books = "Your backpack has everything it needs.";
    }
    return books;
}

public void setNumItems(int numItems) {
    this.numItems = numItems;
}
}

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import java.util.*;
public class Book
{
    Scanner in = new Scanner(System.in);
    private String author, title, story;
    private int numOfSentences, yearPublished;
    private String fictionOrNon;
    public static int numOfBooks = 3; //static variable
    public Book ()
    {
        author = null;
    }
}

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        title = null;
        story = "";
        numOfSentences = 0;
        yearPublished = 0;
    }
    public Book (String authorInit, String titleInit, int numOfSentencesInit, int
yearPublishedInit)
    {
        author = authorInit;
        title = titleInit;
        story = "";
        numOfSentences = numOfSentencesInit;
        yearPublished = yearPublishedInit;
    }

    public Book(String authorInit, String titleInit)    //overloaded method
    {
        author = authorInit;
        title = titleInit;
    }

    public void swapAuthorName(Book b1, Book b2) //method with formal parameters,
class types
    {
        String auth1 = b1.getAuthor();
        String auth2 = b2.getAuthor();

        b1.setAuthor(auth2);
        b2.setAuthor(auth1);
    }

    public void setAuthor (String newAuthor)
    {
        author = newAuthor;
    }
    public void setTitle (String newTitle)
    {
        title = newTitle;
    }
    public void setNumOfSentences (int newNumOfSentences)
    {
        numOfSentences = newNumOfSentences;
    }
    public void setYearPublished (int newYearPublished)
    {
        yearPublished = newYearPublished;
    }
    public String getAuthor ()
    {
        return author;
    }
    public String getTitle ()
    {

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        return title;
    }
    public int getNumOfSentences ()
    {
        return numOfSentences;
    }
    public int getYearPublished ()
    {
        return yearPublished;
    }
    public void writeBook ()
    {
        for (int i = 0; i < numOfSentences; i++)
        {
            System.out.print ("Enter a sentence for your book: "); story += "
" + in.nextLine();
        }
        System.out.println ("Story finished!");
    }
    public void readStory ()
    {
        System.out.println (story);
    }
    public int findLength ()
    {
        return story.length ();
    }
    public void publish ()
    {
        System.out.println ("-----" + title + "-----\nAuthor: " + author +
"\n" + story + "\n~");
    }
    public void burn ()
    {
        System.out.println ("This isn't WWII! Burning declined. Return NEIN NEIN
NEIN");
    }
    public void clear ()
    {
        story = "";
    }
    public String toString ()
    {
        return "Author: " + author + "\tTitle: " + title + "\tNumber of Sentences: " +
numOfSentences + "\tYearPublished: " + yearPublished;
    }
}

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public class BackpacksandBooks {

    public static void main(String[]args){
        Backpacks b1 = new Backpacks("In", "Out", .75, 14 );
        Book book1 = new Book("Salinger", "Catcher in the Rye", 21, 1949);
    }
}

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        /*System.out.println("Open your backpack...");
        System.out.println(b1.toString());
        System.out.println();
        System.out.println("Number of books in the backpack: "+Book.numOfBooks);
//Calls the static variable

        System.out.print("Number of total items in backpack (including Books):
");
        System.out.println(Backpacks.getNumofItems());
        */

        b1.returnBookClass();

    }

}
```