/*You are building a library catalog where each book has a book ID and title. Books are stored in a linked list. Write a program to append a new book at the end of the catalog and display the full list.

Sample Input:

3

101

Data Structures

102

Java Programming

103

Database Systems

Sample output:

Library Catalog:

101 - Data Structures

102 - Java Programming

103 - Database Systems*/

```
package hacckerank;
import java.util.*;
class LibraryBook
{
	int book_id;
	String book_name;
	LibraryBook next;
	public LibraryBook(int book_id,String book_name)
	{
		this.book_id=book_id;
		this.book_name=book_name;
		this.next=null;
	}
}
public class aug1hthr7
```

```
{
	LibraryBook head;
	void insertAtEnd(int book_id,String book_name)
	{
		LibraryBook newNode=new LibraryBook(book_id,book_name);
		if(head==null)
		{
			head=newNode;
			return;
		}
		LibraryBook temp=head;
		while(temp.next!=null)
		{
			temp=temp.next;
		}
		temp.next=newNode;

	}
	void display()
	{
		LibraryBook temp=head;
		if(head==null)
		{
			System.out.println("No Books are available");
			return;
		}
		while(temp!=null)
		{
			System.out.println(temp.book_id+" - "+temp.book_name);

			temp=temp.next;
```

```
            }
        }


        public static void main(String[] args)
        {
            aug1hthr7 lb=new aug1hthr7();
            Scanner sc=new Scanner(System.in);
            int no=sc.nextInt();
            for(int i=0;i<no;i++)
            {
                int book_id=sc.nextInt();
                sc.nextLine();
                String book_name=sc.nextLine();
                lb.insertAtEnd(book_id, book_name);
            }
            System.out.println("Library Catolog:");
            lb.display();

        }

}
```