Lab Program 3

import java.util.Scanner;

class Book {

String name, author;

int price, npage;

Book(String name, String author, int price, int npage) {

this.name = name;

this.author = author;

this.price = price;

this.npage = npage;

}

public String toString() {

String name, author, price, npage;

name = "Book name: " + this.name + "\n";

author = "Author name: " + this.author + "\n";

price = "Price: " + this.price + "\n";

npage = "Number of pages: " + this.npage + "\n";

return name + author + price + npage;

}

}

class bookrun {

public static void main(String args[]) {

// Display name and ID at the start

System.out.println("Aparna Sankar, 1BM23CS047");

Scanner s = new Scanner(System.in);

String name, author;

int price, npage;

int n;

System.out.println("Enter the number of books");

n = s.nextInt();

Book b[] = new Book[n];

for (int i = 0; i < n; i++) {

System.out.println("Enter book name");

name = s.next();

System.out.println("Enter book Author");

author = s.next();

System.out.println("Enter book price");

price = s.nextInt();

System.out.println("Enter the number of pages of the book");

npage = s.nextInt();

b[i] = new Book(name, author, price, npage);

}

for (int i = 0; i < n; i++) {

System.out.println(b[i].toString());

}

s.close();

}

}