import java.util.\*;

import java.lang.\*;

class Book {

String name, author;

double price;

int num\_pages;

Scanner in = new Scanner(System.in);

Book() {

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

name = in.nextLine();

System.out.println("Enter name of author: ");

author = in.nextLine();

System.out.println("Enter price of book in Rs: ");

price = in.nextDouble();

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

num\_pages = in.nextInt();

}

void show() {

System.out.println("Name: " + name);

System.out.println("Author: " + author);

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

System.out.println("Number of pages: " + num\_pages);

}

public String toString() {

return name + ", By " + author + " for Rs." + price + " and has " + num\_pages + " pages";

}

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

int n, x;

System.out.println("Enter number of books to be created: ");

n = in.nextInt();

Book B[] = new Book[n];

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

System.out.println("Book " + (i+1));

B[i] = new Book();

System.out.println();

}

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

System.out.println("Book " + (i+1));

System.out.println(B[i]);

System.out.println();

}

do {

System.out.println("Enter the book number whose details you want to display: ");

x = in.nextInt();

} while(x < 1 && x > n);

B[x-1].show();

}

}



