

Lab Program - 3

import java.util.Scanner();

public class Book

{

String name, author;

int price, numPages;

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

this.name = name;

this.author = author;

this.price = price;

this.numPages = numPages;

}

}

public String toString()

{

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

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

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

System.out.println("Pages: " + this.numPages);

return this.name + this.author + this.price + this.numPages;

}

}

class BookMain {

public static void main (String args[]) {

System.out.println("Rishi - IBM220222");

Book books[] = new Book[10];

Scanner sc = new Scanner(System.in);

System.out.println("Enter no. of book objects:");

int n = sc.nextInt();

sc.nextLine();

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

{

author, name, price;

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

String name = sc.nextLine();

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

String author = sc.nextLine();

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

int price = sc.nextInt();

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

int numPages = sc.nextInt();

books[i] = new Book(name, author, price, numPages);

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

sc.nextLine();

String name, author;

int n, price, numPages;

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

name = sc.next();

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

author = sc.next();

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

price = sc.nextInt();

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

numPages = sc.nextInt();

books[i] = new Book(name, author, price, numPages);

}

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

{

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

books[i].toString();

System.out.println();

}

}

Output-

~~Enter number of~~

Rishi IBM22CS222

Enter no. of books

2

Enter name of the book

a)

Enter name of the author

b)

Enter the price

100

Enter the number of pages

500

Enter name of the book
a2

Enter name of the author
b2

Enter the price
200

Enter the number of pages
300

Book 1 details :

Name : a1

Author : b1

Price : 100

Pages : 500

Book 2 details :

Name : a2

Author : b2

Price : 200

Pages : 300

~~Sf-20~~
~~20.12.22~~