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classmate

Date _____

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LAB 3

→ import java.util.Scanner;

class Book

{

String name;

String author;

int price;

int numPages;

Books (String name, String author, int
price, int numPages)

{

this.name = name;

this.author = author;

this.price = price;

this.numPages = numPages;

}

public String toString()

{

String v = " ";

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

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

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

v += "Numbers of pages :" + this.numPages
+ "\n";

return v;

}

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public class Main

{
 public static void main(String args[])

{
 int n;

Books b[];

String name, author;

int price, numPages;

Scanner s = new Scanner(System.in);
System.out.print("Enter the number
of books: ");

n = s.nextInt();

b = new Books[n];

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

System.out.println("Enter details of Book "+(i+1)
+ "\n");

System.out.print("Name: ");

name = s.next();

System.out.print("Author: ");

author = s.next();

System.out.print("Price: ");

price = s.nextInt();

```
System.out.print("Number of pages:");
numPages = s.nextInt();
```

```
b[i] = new Books(name, author,
price, numPages);
```

{

```
System.out.println("In displaying
book details: " + i);
```

~~for (int i=0; i<n; i++)
{~~~~System.out.println(b[i].toString());~~

}

}

}

Output :

Enter the number of books : 2

Enter details of Book 1

Name: Shyam

Author: Summer

Price : 100

Number of pages : 120

Enter details of Book 2:

Name: Peace

Author: Aryan

Price 20

Number of pages: 55

Displaying book details:

Book name: Shyam

Author name: Sehmer

Price: 100

Number of pages: 120

Book name: ~~Peace~~

Author name: Aryan

Price: 20

Number of pages: 55

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