

→ Create a class Book which contains four members: name, author, price, numPages. Include a constructor to set the values for the members. Include methods to set and get the details of the object. Include a toString() method that could display the complete details of the book. Develop a Java program to create n books Java.

⇒ import java.util.Scanner;

class Books {

String name, author;
int price, 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 name, author,
price, numPages;

```

name = "Book name is: " + this.name
      + "\n";
author = "Book name is: " + this.author
        + "\n";
price = "Price: " + this.price
        + "\n";
numPages = "Number of pages: "
          + this.numPages + "\n";
return name + author + price
        + numPages;
}
}

```

```
class BookMain {  
    public static void main (String[] args)  
    {  
        Scanner sc = new Scanner (System.in);  
        int n;  
        String name, author,  
        int price, numPages;  
        System.out.println ("Enter the  
                                no of books");  
        n = sc.nextInt();  
        Books b[] = new Books [n];  
        System.out.println ("Enter Name,  
author, price and number of  
pages : ");  
        for (int i=0; i < n ; i++) {  
            name = sc.next();  
            author = sc.next();  
            price = sc.nextInt();  
            numPages = sc.nextInt();  
            b[i] = newBooks (name, author,  
                                price, numPages);  
        }  
    }  
}
```



```
        system.out.println("Book details : ");  
        for (int i = 0; i < n; i++) {  
            system.out.println(b[i].toString());  
        }  
    }  
}
```

Output :

Shantanu Shrivastava
IBM2203252

Enter the number of Books:
3

Enter Name, author, price
and number of pages:
~~sh~~

Ruskin Bond
Shantanu
₹ 50
100

Barbie
~~Sreeta Gehrig~~
₹ 100
200

Goosebumps
R.L. Stine
₹ 250
400

Book details :

Book name : Rustin Bond

Author name : Shantanu

Price : 50

Number of Pages : 100

Book name : Barbie

Author name : Greta Gerwig

Price : 100

Number of Pages : 200

Book name : Goosebumps

Author name : R.L. Stine

Price : 250

Number of Pages : 400

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