

Q. Create a class Book which contains four members: name, author, price, num-pages. Include a constructor to set the values of the member. Include methods to set and get the details of the objects. Include a toString() method that could display the complete details of the book. Develop a Java program to create n book objects.

```
import java.util.Scanner;
```

```
class Books {
```

```
{
```

```
    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 name, author, price, numPages;
```

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

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

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

```
        numPages = "Number of Pages:" + this.numPages + "\n";
```

```
        return name + author + price + numPages;
```

```
}
```


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class Main
{

{ public static void main (String args[])

{ Scanner s = new Scanner (System.in);
int n;
String name;
String author;
int price;
int numPages;{ n = s.nextInt();
Books b[];
b = new Books [n];{ for (int i = 0; i < n; i++)
{{ name = s.next();
author = s.next();
price = s.nextInt();
numPages = s.nextInt();
b[i] = new Books (name, author, price, numPages);

{

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

{

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

{

{ System.out.println ("Shruti Khandelwal : 18M22CS274

{
}

Output:

2

One8: An emotion

Shruti Khandelia

1000

300

King Kohli

Shreyash Sinha

500

250

Book name: One8: An emotion

Author name: Shruti Khandelia

Price: 1000

Number of Pages: 300

Book name: King Kohli

Author name: Shreyash Sinha

Price: 500

Number of pages: 250

Shruti Khandelia: IBM22CS274

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