

Create a class Book which contains four members. Include a constructor, Develop a java program to create an book objects.

```
import java.util.Scanner;  
class Books {
```

```
    String name;
```

```
    String author;
```

```
    int price;
```

```
    int numpages;
```

```
    public 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.  
        pages + "\n";  
    return name + author + price + numPages;  
}
```

```
}
```

```
class main {
```

```
    public static void main (String args[]) {
```

```
        Scanner SC = new Scanner(System.in);
```

```
        int n, price, numPages;
```

```
        String name, author;
```

```
        System.out.println("Enter the  
        Number of Books");
```

```
        n = SC.nextInt();
```

```
        SC.nextLine();
```

```
        Books b[] = new Books[n];
```

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

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

```
            name = SC.nextLine();
```

```
            System.out.println("Read author of the  
            book");
```

```
            author = SC.nextLine();
```

```
            System.out.println("Read the price  
            of the book");
```



```
price = sc.nextInt();
System.out.println("Read pg number of
the book");
numPages = sc.nextInt();
sc.nextLine();
System.out.println(".....");
b[i] = new books(name, author, price,
numPages);
}
for (int i = 0; i < n; i++) {
    String bookDetails = b[i].toString();
    System.out.println(bookDetails);
}
}
```

* output :

Enter the number of books
2

Read the name of books
Chemistry

Read author of the book
John.

Read the price of the book
289

Read the pg no of the book
298

Read name of the book - physics

Read author of the book
Raghar

Read the price of the book
399

Read the pg no of the book
250

~~Book name: Chemistry~~

~~Author name: John~~

~~Price: 299~~

USN: LBM22CSE

~~No. of pages: 150~~

Book name: physics

Author name: raghar

price: 399

pg No: 250.