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Lab - 3

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Batch 2

Create a class book which contains four members

: name, author, price and num pages.

Include a constructor to set values for the members.

Include a toString() method that could display the complete details of the book.

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

```
class book {
```

```
    String title, author;
```

```
    int no. of pages;
```

```
    float price;
```

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

```
    book ()
```

```
    { System.out.print("Title:");
```

```
      title = in.nextLine();
```

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

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

```
      System.out.print("Number of pages:");
```

```
      no. of pages = in.nextInt();
```

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

```
      price = in.nextFloat();
```

```
    }
```

```
    public String toString()
```

```
    { return ("In Book title: " + title + " \t Author' +
```

```
      author + " \t Number of pages: " + no. of pages
```

```
      + " \t Price: " + price);
```

```
    }
```

```
}
```

class books {

public static void main (String[] args)

{ book[] b = new book[3];

int i;

for(i=0; i<3; i++)

{ System.out.println("Enter book" + (i+1) + " details:");

b[i] = new book();

}

for(i=0; i<3; i++)

{ System.out.println("The book" + (i+1) + " details:");

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

}

}

}

Output

Enter book 1 details

Title: q

Author: a

Number of pages: 45

Price: 56

Enter book 2 details

Title: w

Author: s

Number of pages: 23

Price: 12

The book 1 details:

Title: q Author: a Number of pages: 45 Price: 56

The book 2 details:

Title: w Author: s Number of pages: 23 Price: 12