

Q) To store the details of books.

```
class Book {
```

```
    private String name;  
    private String author;  
    private double price;  
    private int numPages;
```

```
    public Book (String name, String author, double price,  
                int numPages) {
```

```
        this.name = name;  
        this.author = author;  
        this.price = price;  
        this.numPages = numPages;
```

```
}
```

```
    public String getName() {
```

```
        return name;
```

```
}
```

```
    public void setName (String name) {
```

```
        this.name = name;
```

```
}
```

```
    public String getAuthor () {
```

```
        return author;
```

```
}
```

```
    public void setAuthor (String author) {
```

```
        this.author = author;
```

```
}
```

```
public double getPrice () {  
    return Price;  
}
```

```
public void setPrice (double price) {  
    this.price = price;  
}
```

```
public int getNumPages () {  
    return numPages;  
}
```

```
public void setNumPages (int numPages) {  
    this.numPages = numPages;  
}
```

```
public String toString () {
```

```
    return "Book Details - Name: " + name + " Author: "  
    + author + " Price: $ " + price + " Number of  
    Pages: " + numPages;  
}
```

```
public class Main {
```

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

```
        int n = 2;
```

```
        Book[] books = new Book[n];
```

```
        book[0] = new Book ("Zachary", "J.D.", 15.99, 224);
```

```
        book[1] = new Book ("Token", "Lee", 12.00, 336);
```

```
System.out.println ("Rishabh, IBM22CS221");
```

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

```
System.out.println (book[i].toString());
```

```
System.out.println (" ");
```

```
}
```

```
}
```

```
}
```

Output :-

Rishabh, IBM22CS221

Book Details:

Name: Catcher

Author: S.D.

Price: \$15.99

Number of Pages: 224

Book Details:

Name: Kill

Author: Lee

Price: \$12.5

Number of Pages: 336

[Signature]
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