Layout:

Book.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="add" method="post">
BookCode:<input type="text" name="code"><br>
BookName:<input type="text" name="name"><br>
BookAuthor:<input type="text" name="author"><br>
BookPrice:<input type="text" name="price"><br>
BookQty:<input type="text" name="qty"><br>
<input type="submit" value="AddBookDetails">
</form>
</body>
</html>
```
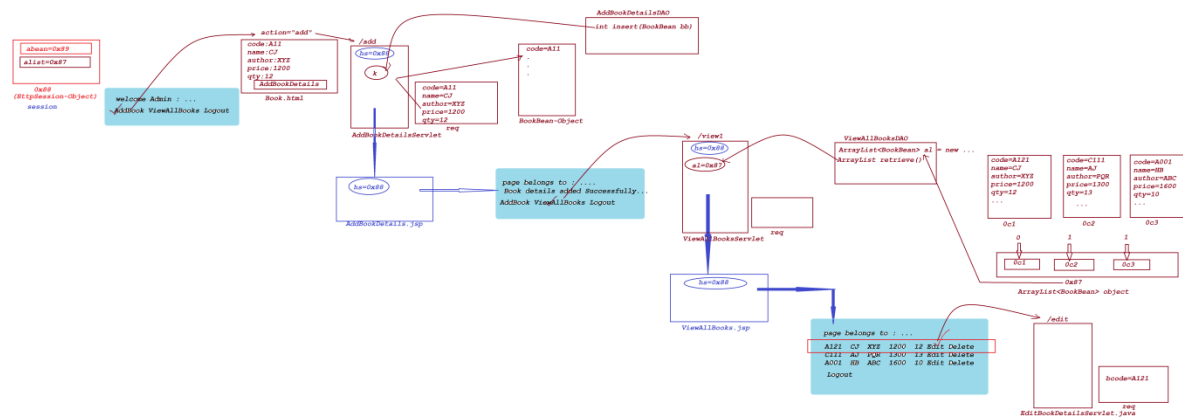
BookBean.java

```java
package test;
import java.io.*;
@SuppressWarnings("serial")
```

```java
public class BookBean implements Serializable{
 private String code,name,author;
 private float price;
 private int qty;
 public BookBean() {}
public String getCode() {
     return code;
}
public void setCode(String code) {
     this.code = code;
}
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 float getPrice() {
     return price;
}
public void setPrice(float price) {
     this.price = price;
}
public int getQty() {
     return qty;
}
public void setQty(int qty) {
     this.qty = qty;
}

}
```

AddBookDetailsDAO.java

```java
package test;
import java.sql.*;
public class AddBookDetailsDAO {
    public int k=0;
    public int insert(BookBean bb) {
     try {
         Connection con = DBConnection.getCon();
         PreparedStatement ps = con.prepareStatement
                 ("insert into BookDetails57
values(?,?,?,?,?)");
         ps.setString(1, bb.getCode());
         ps.setString(2, bb.getName());
         ps.setString(3, bb.getAuthor());
         ps.setFloat(4, bb.getPrice());
         ps.setInt(5, bb.getQty());
         k=ps.executeUpdate();
     }catch(Exception e) {e.printStackTrace();}
     return k;
     }
}
```

AddBookDetailsServlet.java

package test;

import java.io.*;

import javax.servlet.*;

import javax.servlet.http.*;

import javax.servlet.annotation.*;

@SuppressWarnings("serial")

@WebServlet("/add")

public class AddBookDetailsServlet extends HttpServlet{

    @Override

```java
protected void doPost(HttpServletRequest req,HttpServletResponse res)throws
ServletException,IOException{

    HttpSession hs = req.getSession(false);//Accessing existing session
    if(hs==null) {

        req.setAttribute("msg","Session Expired...<br>");

        RequestDispatcher rd = req.getRequestDispatcher("Home.jsp");

        rd.forward(req, res);

    }else {

        BookBean bb = new BookBean();

        bb.setCode(req.getParameter("code"));

        bb.setName(req.getParameter("name"));

        bb.setAuthor(req.getParameter("author"));

        bb.setPrice(Float.parseFloat(req.getParameter("price")));

        bb.setQty(Integer.parseInt(req.getParameter("qty")));

        int k = new AddBookDetailsDAO().insert(bb);

        if(k>0) {

            req.setAttribute("msg", "Book details added
Successfully...<br>");

        }

        RequestDispatcher rd =
req.getRequestDispatcher("AddBookDetails.jsp");

        rd.forward(req, res);
```

```
        }

    }

}
```

AddBookDetails.jsp

```jsp
<%@ page language="java"
        contentType="text/html; charset=ISO-8859-1"
        pageEncoding="ISO-8859-1"
        import="test.AdminBean"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
AdminBean ab =
(AdminBean)session.getAttribute("abean");
String msg = (String)request.getAttribute("msg");
out.println("Page belongs to : "+ab.getfName()+"<br>");
out.println(msg);
%>
<a href="Book.html">AddBookDetails</a>
<a href="view1">ViewAllBookDetails</a>
<a href="logout">Logout</a>
</body>
</html>
```

ViewAllBooksDAO.java

```java
package test;

import java.sql.*;

import java.util.*;

public class ViewAllBooksDAO {
```

```java
public ArrayList<BookBean> al = new ArrayList<BookBean>();

public ArrayList<BookBean> retrieve(){

        try {

                Connection con = DBConnection.getCon();

                PreparedStatement ps = con.prepareStatement

                        ("select * from BookDetails57");

                ResultSet rs = ps.executeQuery();

                while(rs.next()) {

                        BookBean bb = new BookBean();

                        bb.setCode(rs.getString(1));

                        bb.setName(rs.getString(2));

                        bb.setAuthor(rs.getString(3));

                        bb.setPrice(rs.getFloat(4));

                        bb.setQty(rs.getInt(5));

                        al.add(bb);

                }

        }catch(Exception e) {e.printStackTrace();}

        return al;

 }

}

ViewAllBooksServlet.java

package test;
```

```java
import java.io.*;

import java.util.*;

import javax.servlet.*;

import javax.servlet.http.*;

import javax.servlet.annotation.*;

@SuppressWarnings("serial")

@WebServlet("/view1")

public class ViewAllBooksServlet extends HttpServlet{

    @Override

    protected void doGet(HttpServletRequest req,HttpServletResponse res)throws

    ServletException,IOException{

        HttpSession hs = req.getSession(false);

        if(hs==null) {

            req.setAttribute("msg", "Session Expired...<br>");

            req.getRequestDispatcher("Home.jsp").forward(req, res);

        }else {

            ArrayList<BookBean> al = new ViewAllBooksDAO().retrieve();

            hs.setAttribute("alist", al);

            req.getRequestDispatcher("ViewAllBooks.jsp").forward(req, res);

        }

    }

}
```

ViewAllBooks.jsp

```jsp
<%@ page language="java"
        contentType="text/html; charset=ISO-8859-1"
        pageEncoding="ISO-8859-1"
        import="test.*,java.util.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
AdminBean ab =
(AdminBean)session.getAttribute("abean");
ArrayList<BookBean> al =
(ArrayList<BookBean>)session.getAttribute("alist");
out.println("Page belongs to : "+ab.getfName()+"<br>");
if(al.size()==0){
    out.println("Books Not Available...<br>");
}else{
    Iterator<BookBean> it = al.iterator();
    while(it.hasNext()){
        BookBean bb = it.next();


out.println(bb.getCode()+"&nbsp&nbsp"+bb.getName()+"&nbsp&nbsp"+

bb.getAuthor()+"&nbsp&nbsp"+bb.getPrice()+"&nbsp&nbsp"+
                bb.getQty()+"&nbsp&nbsp"+"<a
href='edit?bcode="+bb.getCode()+"'>Edit</a>"+"&nbsp&nbsp"+
            "<a
href='delete?bcode="+bb.getCode()+"'>Delete</a>"+"<br>"
);
    }
}
%>
```

```html
<a href="logout">Logout</a>
</body>
</html>
```

==

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