Experiment No. 12

BookForm.java import java.sql.Connection; <%@ page language="java" import java.sql.PreparedStatement; contentType="text/html; charset=ISO-8859-1" import java.sql.SQLException; pageEncoding="ISO-8859-1"%> //import java.util.List; <!DOCTYPE html PUBLIC "-//W3C//DTD HTML import java.util.List; 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"> <html> import javax.persistence.Query; <head> import javax.sql.DataSource; <meta http-equiv="Content-Type" import javax.transaction.Transactional; content="text/html; charset=ISO-8859-1"> <title>Insert title here</title> import </head> org.springframework.beans.factory.annotation.Auto wired; <body> import <form action="data-hib" method="get"> org.springframework.orm.hibernate5.HibernateTem <h1>ADD BOOK</h1> plate; NAME : <input type="text" import org.springframework.stereotype.Controller; name="bookName">

> import AUTHOR: <input type="text" org.springframework.web.bind.annotation.GetMapp name="author">

 ing; ISBN : <input type="text" import name="isbn">

 <input org.springframework.web.bind.annotation.RequestP aram; type="submit" value="CLICK ME"> import org.springframework.web.servlet.ModelAndView; </form> </body> import com.beans.Book; </html> @Controller MyController.java public class MyControlller { package com.controllers; @Autowired

HibernateTemplate template;

```
@GetMapping("/data-hib")
       @Transactional
       public ModelAndView
readData_hibernate(@RequestParam String
bookName, @RequestParam String author,
                     @RequestParam String isbn)
{
              System.out.println("name");
              Book book = new Book(bookName,
Integer.parseInt(isbn), author);
              template.saveOrUpdate(book);
              return new
ModelAndView("display", "book", book);
       }
}
Book.java
package com.beans;
import javax.persistence.Entity;
import javax.persistence.Id;
import javax.persistence.Table;
@Entity
@Table(name = "book_workshop")
public class Book {
       private String bookName;
       @Id
       private long ISBN;
       private String author;
       public Book() {
```

```
// TODO Auto-generated constructor
stub
              this.bookName = "Book Name";
              this.ISBN = 985645671:
              this.author = "ABCD";
       public Book(String bookName, long ISBN,
String author) {
              // TODO Auto-generated constructor
stub
              this.bookName = bookName;
              this.ISBN = ISBN;
              this.author = author;
       }
       public String getBookName() {
              return bookName:
       }
       public void setBookName(String
bookName) {
              this.bookName = bookName;
       }
       public long getISBN() {
              return ISBN;
       }
       public void setISBN(long iSBN) {
              ISBN = iSBN;
       public String getAuthor() {
              return author;
       public void setAuthor(String author) {
```

Demo-servlet.xml

xmlns:context="http://www.springframewor k.org/schema/context"

xmlns:mvc="http://www.springframework.org/schema/mvc"

xmlns:tx="http://www.springframework.org/schema/tx"

xsi:schemaLocation="http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans.xsd

http://www.springframework.org/schema/context

http://www.springframework.org/schema/context/spring-context.xsd

http://www.springframework.org/schema/mvc

```
http://www.springframework.org/schema/mvc/spring-mvc.xsd
```

http://www.springframework.org/schema/tx http://www.springframework.org/schema/tx/springtx.xsd">

class="org.springframework.web.servlet.vie w.InternalResourceViewResolver">

class="org.springframework.jdbc.datasource">
.DriverManagerDataSource">

```
com.mysql.cj.jdbc.Driver" />com.mysql.cj.jdbc.Driver" />
```

value="jdbc:mysql://localhost:3306/springpr oject?allowPublicKeyRetrieval=true&useSSL =false" />

 $class = "org.spring framework.orm.hibernate 5.\\ Local Session Factory Bean">$

```
cproperty name="dataSource"
ref="dataSource"/>
                                                             <bean id="hibernateTemplate"</pre>
              property
name="packagesToScan">
                                                             class="org.springframework.orm.hibernate5.
                    t>
                                                      HibernateTemplate">
                    <value>com.beans</value>
                                                                    property name="sessionFactory"
                                                      ref="sessionFactory" />
                    </list>
                                                                    property
              </property>
                                                       name="checkWriteOperations"
                                                       value="false"></property>
             property
name="hibernateProperties">
                                                             </bean>
                    cprops>
                                                             <bean id="transactionManager"</pre>
                           prop
                                                             class="org.springframework.orm.hibernate5.
key="hibernate.show_sql">true</prop>
                                                      HibernateTransactionManager">
                           prop
                                                                    property name="sessionFactory"
key="hibernate.hbm2ddl.auto">update</prop>
                                                      ref="sessionFactory"/>
                           prop
                                                             </bean>
key="hibernate.connection.autocommit">true</pro
                                                             <tx:annotation-driven transaction-
                                                       manager="transactionManager"/>
                    </props>
                                                      </beans>
             </bean>
```

Output:





BOOK Details are

BOOK Name: Shamachi Aai

BOOK ISBN: 123456

Author Name : Sane Guruji